
DRAFT ANNOTATED AGENDA
2ND TECHNICAL COMMITTEE ON MANAGEMENT PROCEDURES MEETING

Date: 18–19 May 2018

Location: Bangkok, Thailand, Windsor Suites Hotel

Time: 09:00 – 17:00 daily

Co-Chairs: Ms Riley Jung-re Kim (IOTC Vice-Chairperson); Mr Hilario Murua (Scientific Committee Chairperson)

Facilitator: Graham Piling

18 of May Morning

- 1. OPENING OF THE SESSION AND ARRANGEMENTS (Co-Chairs)**
- 2. ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION (Chairpersons)**
- 3. ADMISSION OF OBSERVERS (Chairpersons)**
- 4. DECISIONS OF THE COMMISSION RELATED TO THE WORK OF THE TECHNICAL COMMITTEE ON MANAGEMENT PROCEDURES (IOTC Secretariat)**
 - 4.1 Resolution 16/09 – Terms of Reference
 - 4.2 Outcomes of the 1st Session of TCMP
 - 4.3 Outcomes of the 21th Session of the Commission meeting
 - 4.4 Outcomes of the 20th Session of the Scientific Committee
- 5. OVERVIEW OF THE EVALUATION OF MANAGEMENT PROCEDURES IN THE IOTC (SC Chairperson)**
 - 5.1 The IOTC Process on adoption of management procedures (Including the Resolution 15/10 of the Management Framework) (SC Chair).
 - 5.2 Management Procedures and MSE:
 - 5.2.1 Basic principles
 - 5.2.2 Roles and responsibilities, dialogue tools and feedback mechanism
 - 5.3 SC proposal for the standard presentation of MSE results
 - 5.4 Review of Joint-tunaRFMO MSE process
- 6 HANDS-ON WORKSHOP – DEMONSTRATION OF MSE TOOL (Facilitator)**
 - 6.1 Demonstration of MSE tool
 - 6.2 How to test different options on key inputs
 - 6.3 HCR – MP creation
 - 6.4 Discussion on trade-offs

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7 STATUS OF THE MANAGEMENT PROCEDURE EVALUATION/OPERATING MODELS (Chairperson of WPM)

- 7.1 Albacore tuna (Iago Mosqueira, Vice-Chairperson of the WPM)
- 7.2 Bigeye tuna (Dale Kolody)
- 7.3 Yellowfin tunas (Dale Kolody)
- 7.4 Skipjack tuna (Hilario Murua, Chairperson of the SC)
- 7.5 Swordfish (Iago Mosqueira, Vice-Chairperson of the WPM)

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8 DISCUSSION ON THE ACTIONS NEEDED FOR THE ADOPTION OF MANAGEMENT PROCEDURES, INCLUDING BUDGET (Facilitator)

- 8.1 Albacore tuna
- 8.2 Yellowfin tuna
- 8.3 Skipjack tuna
- 8.4 Bigeye tuna
- 8.5 Swordfish

9 FUTURE DIRECTION OF THE TECHNICAL COMMITTEE ON MANAGEMENT PROCEDURES (Chairpersons)

- 9.1 Workplan (Including new timelines/budget and resources needed)
- 9.2 Process and future meetings of TCMP

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10 ADOPTION OF REPORT (Chairpersons)

APPENDIX 1
TABLE OF PERFORMANCE INDICATORS ENDORSED BY SC20

Status : maximize stock status		20 years					
		MP1	MP2	MP3	MP4	MP5	MP6
1. Mean spawner biomass relative to pristine	SB/SB_0	0.5	0.8	1.0	0.7	0.4	0.6
2. Minimum spawner biomass relative to pristine	SB/SB_0	0.3	0.5	0.6	0.5	0.2	0.4
3. Mean spawner biomass relative to SB_{MSY}	SB/SB_{MSY}	0.9	1.2	1.3	1.1	0.7	1.2
4. Mean fishing mortality relative to target	F/F_{tar}	1.4	0.6	0.4	0.8	1.5	0.9
5. Mean fishing mortality relative to F_{MSY}	F/F_{MSY}	1.5	0.5	0.4	0.8	1.6	0.9
6. Probability of being in Kobe green quadrant	SB,F	0.5	0.9	0.9	0.8	0.3	0.7
7. Probability of being in Kobe red quadrant	SB,F	0.3	0.1	0.0	0.1	0.5	0.2
Safety : maximize the probability of remaining above low stock status (i.e. minimize risk)							
8. Probability of spawner biomass being above 20% of SB_0	SB	0.8	0.8	0.9	0.8	0.7	0.8
9. Probability of spawner biomass being above B_{Lim}	SB	0.8	1.0	1.0	0.9	0.7	0.8
Yield : maximize catches across regions and gears							
10. Mean catch (1'000 t)	C	551	417	378	434	600	460
11. Mean catch by region and/or gear (1'000 t)	C	248	194	176	229	335	218
12. Mean catch relative to MSY	C/MSY	1.2	0.6	0.6	0.8	1.3	1.0
Abundance: maximize catch rates to enhance fishery profitability							
13. Mean catch rates (by region and gear) (for fisheries with meaningful catch-effort relationship)	I	3.0	3.8	4.0	2.6	2.3	2.8
Stability: maximize stability in catches to reduce commercial uncertainty							
14. Mean absolute proportional change in catch	C	0.2	0.3	0.3	0.2	0.1	0.2
15. % Catch co-efficient of variation	C	19.4	27.3	26.2	17.6	11.5	21.0
16. Probability of shutdown	C	0.01	0.01	0.01	0.01	0.01	0.01

Note: All the candidate performance statistics are summarised using the XXth percentiles (e.g. XX=5/10/50) of their distributions over multiple stochastic realisations. The summary will include short and long-term time windows as separate tables (e.g. 1, 5, 10 and 20 years)