

## 7<sup>th</sup> MEETING OF THE SCIENTIFIC COMMITTEE

*La Havana, Cuba, 7 to 12 October 2019*

### SC7-Doc02

### Annotated Scientific Committee Agenda

*Secretariat*

#### 1) OPENING OF THE MEETING

##### a. Adoption of agenda

*At the beginning of the meeting the SC shall adopt its agenda. The Commission's Rule of Procedure 4.3 provides for the possibility of additional items of an urgent character being included on the agenda. Supporting papers may accompany any request for additional items of an urgent character. Such additional items shall be included on the agenda subject to the approval of the SC.*

##### b. Meeting documents

*The Scientific Committee will decide whether to accept any Late Papers and will approve the final Document list as per Rule of Procedure 4.4.*

##### c. Nomination of rapporteurs

*Rapporteurs will be appointed. Participants are reminded that all submitted papers should include a summary paragraph intended to streamline the drafting of the Final Scientific Committee report.*

##### d. Meeting program and schedule

*Meeting documentation location and access will be presented. Any adjustments to the schedule will be announced.*

#### 2) ANNUAL REPORTS DISCUSSION

*It is assumed that all annual reports will have been read prior to the meeting. This agenda item is thus only an opportunity for questions and clarifications regarding the content of the submitted reports. Noting that annual reports are due by 7 September 2019.*

#### 3) COMMISSION GUIDANCE AND INTER-SESSIONAL ACTIVITIES

##### a) SC multi-annual workplan

*The current SC multi-annual workplan will be reviewed and discussed, both to guide this meeting and to provide an update to the Commission. This will include the intersessional web planning meetings.*

##### b) Secretariat SC-related activities

*The Secretariat will report back on its participation in recent meetings and other projects related to SC activities.*

##### c) SPRFMO Performance Review

*The Secretariat will present the Performance Review report and its SC related recommendations. The SC will consider and develop plans for addressing the Panel's recommendations.*



#### 4) DEEPWATER

- a) Review of inter-sessional activities

*Participants will be invited to summarise the results of any inter-sessional Deepwater assessments or research (including stakeholder workshops) that may have been completed.*

- b) Deepwater stock structure(s) (priorities/planning)

*The SC will develop a priority list for non-ORY deepwater stock structure analyses. This item will include work done on the categorization of stocks into the stock assessment framework.*

- c) SPRFMO Orange roughy assessment

*For Orange roughy, the SC will explore alternative stock assessment models, estimate stock status and provide advice on sustainable catch levels. In 2019, this should include an update for the Louisville Ridge stock(s). This item will include work done and planning for other ORY stocks.*

- d) Other assessments (including ecological risk assessments)

*This item will include risk assessment updates for both SPRFMO chondrichthyans and teleosts.*

- e) VME encounters and spatial management

*In the 2019 workplan, the SC was asked to review all reported VME encounters, review benthic and VME indicator taxa, design an approach for benthic bycatch review and review/provide advice on the effectiveness of the applied management measures.*

- f) Bottom Fishery Impact Assessment Standard (BFIAS)

*In the 2019 workplan the SC was asked to revise and update the BFIAS.*

- g) Advice to the Commission on Deepwater

*The SC will prepare the 2020 advice to the Commission on Deepwater stock status(s) including updates to the Deepwater working group workplan.*

#### 5) JACK MACKEREL

- a) Intersessional activities including stock structure and growth estimation

*Participants will be invited to summarise the results of any intersessional Jack mackerel work or research that may have been completed. The SC will evaluate any new work and note how various assumptions might cause the SC advice to differ, particularly regarding TAC advice*

- b) Assessment data review and evaluation

*Participants will report on any updated data sets that were provided prior to the meeting, and the SC will review and evaluate those assessment inputs. This may include the impact of revised age-length keys, standardization of commercial tuning indices and reviewing industry data availability and usability.*

- c) SPRFMO Jack mackerel assessment

*The SC will specify and conduct a re-run of the 2018 stock assessment in order prepare the 2020 advice to the Commission on Jack mackerel stock status. This may include reviewing the current data weightings.*

- d) Management Strategy Evaluation (MSE)

*Jack mackerel advice is currently developed using provisional reference points and an application of SC02's proposed variant of the rebuilding plan adopted by the 2<sup>nd</sup> Meeting of the Commission. This item is to progress the SC workplan on reviewing the biological reference points (BRPs), rebuilding*



*plan, and commencing MSE development to design an alternative harvest control rule.*

- e) Advice to the Commission on Jack mackerel

*The SC will prepare the 2020 advice to the Commission on Jack mackerel stock status including updates to the Jack mackerel working group workplan.*

## 6) SQUID

- a) Review of intersessional activities

*The outcomes of the SC workshop that occurred immediately prior to the Scientific Committee meeting will be presented to the meeting.*

- b) Basic biology

*The Squid working group Chairperson will present potential recommendations arising from the Squid workshop discussions on age, growth and maturity; Spawning, reproduction and mitigation mode and/or foraging behavior and diet composition.*

- c) Assessment data and modeling approaches

*The SC will be updated on workshop discussions on assessment, data and modelling approaches to achieve a spatially integrated assessment. The SC will consider the impact of incomplete spatial coverage and/or spatially disaggregated approaches. A historical total catch record for Squid that includes non-CNCPs and non-members will be finalized.*

- d) Connectivity

*The SC will be updated on developments towards standardised genetic sampling and analyses including any workshop discussions on stock structure and connectivity.*

- e) SPRFMO Squid assessment

*The SC will seek agreement on an appropriate assessment approach for SPRFMO that considers the current data availability.*

- f) Advice to the Commission on Squid

*The SC will prepare the 2020 advice to the Commission on Squid stock status including updates to the Squid working group workplan.*

## 7) HABITAT MONITORING

- a) Review of intersessional activities

*The outcomes of the Habitat Monitoring workshop that occurred immediately prior to the Scientific Committee meeting will be presented to the meeting.*

- b) Applicability of fishing vessel acoustic data

*The Habitat Monitoring working group Chairperson will present potential recommendations arising from the workshop discussions on the feasibility of mapping spatial-temporal population density distribution of jack mackerel using a combination of the existing acoustic survey data and acoustic information as obtained from by industry vessels.*

- c) Developments in characterising and modelling CJM habitat

*The Habitat Monitoring working group Chairperson will present developments in characterising and modelling CJM Habitat including an ecosystem status overview for SC at seasonal to decadal scale.*



d) Future Habitat Monitoring workplan

*The SC will consider the Habitat Monitoring working group recommendations and review its workplan.*

8) ADVICE ON CMM DEVELOPMENT

a) Developments regarding scientific research

*The SC will discuss and review a draft proposal for a CMM on Scientific Research in SPRFMO.*

b) Developments regarding Squid

*The SC will discuss recent development supporting progress toward a CMM on Squid management.*

c) CMM 06-2019 (VMS), data access

*The SC will discuss VMS data and make recommendations on a process to streamline access to VMS data for Scientific purposes.*

d) CMM 16-2019 (Observer Programme), coverage

*The SC will discuss the shortlist for the Observer Programme Assessor and develop recommendations for the Commission.*

*The SC will also discuss current observer coverage in SPRFMO fisheries, coverage rates and provide advice on the appropriate levels of observer coverage for fisheries for which there is no fishery-specific CMM in force.*

9) EXPLORATORY FISHERIES

a) Cook Islands potting report on progress

*The Cook Islands will present a summary of the fishing which has occurred so far and the current status of its exploratory programme.*

b) Amended Cook Islands proposal

*The Cook Islands will present its amended exploratory fishing proposal and the SC will develop advice for the Commission specifically considering the level of TAC for the second and third fishing year, and whether the exploratory fishing programme may continue as well as advice pertaining to the 8 matters outlined in paragraph 8 of CMM 13-2019 (Exploratory fisheries).*

c) European Union toothfish report on progress

*The European Union will present a summary of the fishing which has occurred so far and the current status of its exploratory programme.*

d) New Zealand toothfish report on progress

*New Zealand will present a summary of the fishing which has occurred so far and the current status of its exploratory programme*

e) Proposed Chile exploratory fishing plan for toothfish

*Chile will present its exploratory fishing proposal and the SC will develop advice for the Commission considering the 8 matters outlined in paragraph 8 of CMM 13-2019 (Exploratory fisheries).*



## 10) ECOSYSTEM CONSIDERATIONS

- a) Seabird/bycatch interaction monitoring

*The SC will evaluate available observer data on seabird interaction rates (jack mackerel, different squid fisheries, demersal) and determine where estimates can be improved. The SC may also progress the southern hemisphere quantitative risk assessment (SEFRA).*

- b) Ecologically or Biologically Significant marine Areas (EBSAs)

*Depending upon papers, the SC may evaluate the impacts of fishing activities on EBSAs in the SPRFMO Area.*

- c) Marine pollution research

*Depending upon papers, the SC may evaluate research on fisheries related marine pollution in the SPRFMO Area.*

- d) Climate change impacts on deep ocean fisheries

*The SC will consider recent research on Climate change impacts and develop appropriate recommendations for the Commission.*

## 11) OTHER MATTERS

- a) Level and use of the Commissions scientific support budget item

*The SC will consider the Secretariat paper and make recommendations regarding the use of these funds.*

- b) SC capacity building requirements

*The SC will consider the Secretariat paper and provide input into the current Commission working group on capacity building requirements in SPRFMO.*

- c) SC and CTC collaboration

*The SC will consider the CTC Chairperson's paper and provide its response for consideration by the upcoming CTC meeting.*

- d) Annual report guidelines and SC submission protocol

*The SC will consider the Secretariat paper(s) and approve any updates to the annual reporting guidelines and SC submission protocol.*

- e) Planned Intersessional activities

*The SC will identify any planned intersessional activities including workshops and whether Secretariat support will be required.*

- f) Next meeting venue and timing

*The SC will confirm the venue and timing for the next SC meeting as well as indicative hosts for the subsequent 2 SC meetings.*

## 12) REPORT ADOPTION AND MEETING CLOSURE

*The draft meeting report will be prepared during the meeting by the Chairperson, assisted by the Secretariat and rapporteurs, and the recommendations will be presented to the SC on the last day of the meeting for its consideration.*