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

*11 to 16 September 2023, Panama City, Panama*

### SC11 – Doc02\_rev1 Annotated SC11 Agenda (rev1, 12 September 2023)

*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 programme and timetable

*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 and discussed electronically prior to the meeting. This year, pre-SC11, there will be a working paper developed to collate questions and responses on SC papers. As this will specifically include annual reports it is not intended that there will be discussion of individual annual reports unless there are questions that remain unanswered.*

#### 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.*

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

*The Secretariat will table a report on projects and activities related to SC work including progress on the Observer Programme Accreditation.*



#### 4) JACK MACKEREL

- a) Review of inter-sessional activities

*Participants will be invited to table the results of any inter-sessional jack mackerel assessments or research, including stock structure and the possible impact of national measures on the T. murphyi fishery.*

- b) Assessment data review and evaluation

*The SC will discuss the data inputs and preliminary assessment results and diagnostics, including stock status and reference points.*

- c) Management Strategy Evaluation (MSE) update

*The SC will discuss the development and advice from the MSE work that has been carried out intersessionally and plan the next phase of work.*

- d) Jack mackerel assessment

*The SC will discuss the updated assessment for jack mackerel and craft advice to the Commission.*

- e) Connectivity research

*The task group on CJM connectivity will update the SC and seek endorsement of its research proposal.*

- f) Ageing research

*The SC will discuss the update of the error matrix based on the new aging criteria.*

- g) Advice to Commission on jack mackerel

*The SC will prepare the 2023 advice to the Commission including updates to the workplan.*

- h) Other jack mackerel matters

*The SC will discuss any other jack mackerel business.*

#### 5) DEEPWATER

- a) Review of inter-sessional activities

*Participants will be invited to table the results of any inter-sessional Deepwater activities or research that are required for the SC workplan and not covered by the following agenda items.*

- b) Deepwater assessments

*The SC will review recent assessments of deepwater species in order to provide management advice and recommendations to the Commission.*

- c) VME Encounters and benthic bycatch

*The workplan includes a number of pieces of work on VME encounters and benthic bycatch, including*

*i. VME taxa guide*

*ii. review of VME catch and benthic bycatch*

*iii. Catchability of benthic bycatch*

*iv. Investigate benthic bycatch relationship with habitat suitability and abundance models*



d) Bottom fishery impact assessment (BFIA)

*An updated BFIA has been prepared for SC11, updating the 2020 BFIA. This is a comprehensive review of the impacts of bottom fishing in SPRFMO including assessments of tier 1 species, evaluation of bycatch, including protected species and species of concern, and impacts on the benthos.*

e) Advice to the Commission on Deepwater

*The SC will prepare the 2023 advice to the Commission on deepwater issues including updates to the Deepwater working group workplan.*

6) SQUID

a) Review of intersessional activities

*Participants will be invited to table the results of any inter-sessional Squid work that is required for the SC workplan and not covered by the following agenda items.*

b) Squid assessment data (including effort)

*The SC will discuss data needs (including effort metrics) to support a squid stock assessment and to monitor the fishery.*

c) Genetics and connectivity

*The SC will discuss initiatives to standardize the collection of genetic analysis so that sequencing data can be shared, including the development of a genetics sample exchange programme.*

d) Standardise biological sampling

*The SC will discuss the results of discussions from the Squid Working Group on potential assessment techniques and appropriate measures of fishing effort.*

e) COMM12 advice on appropriate level of observer coverage

*The SC workplan anticipates providing advice on the appropriate level of observer coverage in the jumbo flying squid fishery by 2025. The SC may wish to develop an associated plan for work needed to support this advice.*

f) Assessment progress and CMM development

*The SC will review recent progress on developing assessments for squid in order to provide management advice and recommendations to the Commission.*

g) Connectivity research

*Connectivity research has been progressed through genetic analyses. The SC will discuss the progress made and provide advice on the approaches for the future.*

h) Advice to the Commission on Squid

*The SC will prepare the 2023 advice to the Commission on Squid including updates to the Squid working group workplan.*

7) HABITAT MONITORING

a) Review of inter-sessional activities

*The Habitat Monitoring working group Chairperson will briefly summarise the results of inter-sessional Habitat Monitoring activities as required for the SC workplan and not covered by the following agenda items.*

b) Indicators from fishing vessels on target pelagic species



*The SC will discuss the indicators developed from acoustic data collection from fishing vessels with respect to providing information on trends in abundance for chub and jack mackerel.*

- c) Standardise oceanographic data products and modelling

*The SC will discuss the potential of different oceanographic products and modelling approaches for monitoring trends in SPRFMO-managed species, including the jack mackerel model update and metadata workshop.*

- d) Species behaviour and preferences

*The SC will discuss observations concerning the behaviour and preferences for SPRFMO-managed species and the implications those observations may have for the management of the fisheries.*

- e) Symposium update

*The Habitat Monitoring Symposium steering group will report on latest updates in planning for this event, which is scheduled for November 2023. Courses planned, keynote speakers scheduled, and financial aspects and support will be covered.*

- f) Advice to the Commission on Habitat Monitoring topics

*The SC will prepare the 2023 advice to the Commission on Habitat Monitoring topics including updates to the Habitat Monitoring working group workplan, the design proposal for a large synoptic ecosystem survey, and the 2024 international workshop on jumbo flying squid habitat.*

## 8) EXPLORATORY FISHERIES

- a) Exploratory Fishery updates (CK, EU, NZ)

*The Cook Islands, EU, NZ will present summaries of the fishing which has occurred so far and the current status of their exploratory programmes under CMMs 14b, 14e and 14a respectively.*

- b) New exploratory fishery proposals (AU, CK, EU)

*The SC will review the proposals and Fishery Operations Plans for new proposed exploratory fisheries.*

- c) Catch composition research

*The Commission requested that the Scientific Committee be tasked with updating the evaluation of patterns in species catch composition (SC10-Doc13), to include historical data from the Russian Federation (2008-2022).*

- d) Assessments development for species that are bycaught or subject to targeted fishing

*The SC will discuss progress made on developing assessments for species that are bycaught or subject to targeted fishing but are not currently being assessed.*

- e) Redbait fishery precautionary approach

*The SC will review any proposals and research prepared to address a potential redbait fishery in the SPRFMO area.*

## 9) Climate Change

- a) Analyses and data collection programmes to illustrate impacts of climate change

*The SC will discuss the information paper put forth to prioritize climate-related research including assessing the impacts of climate change on species' population sizes and distribution. These discussions may inform needs and gaps related to data collection and analyses.*

- b) Management implications of climate change on habitat and fisheries in the SPRFMO Area



*The SC will discuss the management implications of climate change and ways to develop robust management plans and performance metrics to evaluate how well management objectives are being met.*

#### 8) OTHER MATTERS

##### a) Data Working Group

*The SC will discuss the Secretariat's update on data management including securing a new data services provider, database updates, and the progress of the Data Working group.*

##### b) Cross-cutting issues (as necessary)

*The SC will discuss and update the Other (Cross cutting) issues identified in the workplan as necessary.*

##### c) Appointment of Officers

*The SC Chairperson, Dr Jim Ianelli, and the Vice-Chairperson Dr Niels Hintzen may both be stepping down from their roles, and therefore both of these positions will likely be vacant after SC11. Members are strongly encouraged to put forth nominations for a new Chairperson and Vice-chairperson. The SC will choose new office bearers and/or re-elect current office bearers as necessary. The Working Group officers will be confirmed, as necessary.*

##### d) Planned intersessional activities

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

##### e) 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 two SC meetings.*

##### f) Other business

*The SC will consider other business, including Observer papers not considered under agenda items above.*

*The SC will discuss the papers prepared by ACAP to review CMM 09 and provide guidance on best practices to mitigate seabird interactions.*

#### 10) 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. Please note that additional time may be required for report adoption.*