

## 6th Meeting of the Scientific Committee

Puerto Varas, Chile, 9 - 14 September 2018

### SC6-Doc05

#### July 2018 Scientific Committee web meeting notes

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The meeting began at 13:00 GMT 31 July 2018

##### *Participants*

Chair	Jim Ianelli;
Secretariat	Sebastian Rodriguez, Craig Loveridge;
Chile	Karin Mundnich, Juan Carlos Quiroz, Ignacio Paya, Aquiles Sepulveda;
China	Gang Li, Luoliang Xu, Bilin Liu;
Korea	Seok-Gwan Choi;
Peru	Jorge Csirke, Enrique Ramos, IMARPE (various);
Chinese Taipei	Shih-hsun Lin;
USA	Brian Langseth;

Dr. Ianelli opened meeting and noted that this was an opportunity to discuss the upcoming SC meetings and workplan. Everyone introduced themselves and audio checks were conducted to ensure people could participate effectively.

##### *Discussion topics*

Dr. Ianelli went through the discussion topics which were provided prior to the meeting and asked if any additional topics should be added. There were no additions.

A question was raised about the provisional agenda and Craig Loveridge confirmed that it was now set and would be confirmed as part of the first item of business for SC6. Craig also reminded participants that the due date for SC papers was fast approaching (10 August).

##### *Jack mackerel*

Dr. Ianelli spoke about the recent successful stock assessment workshop that was conducted in Valparaiso, Chile. The [final report for that workshop](#) is available. The workshop was able to agree on the model specifications that would be used for the basis of advice for the upcoming SC6 meeting. The intention was to run the preferred model with updated data for the single stock hypothesis, and for the northern and southern stocks under the two-stock hypothesis.

Dr. Ianelli asked about any new data or alternative model specifications that will be presented at SC6 that were not already addressed during the workshop.

Jorge Csirke confirmed that Peru will be submitting a new CPUE data series combining both the artisanal and industrial fleets. As this is a new data series it will need to be reviewed and SC6 will be asked to decide on whether to incorporate the new CPUE series into the JJM stock

assessment. Peru would provide a section on the CPUE series in their annual report and Jorge believed that the changes would likely be minor as the industrial fleet tends to dominate the fishery (noting their recent inactivity).

Juan Carlos Quiroz from Chile confirmed that they will be submitting an update of their CPUE series for the industrial fleet. They will also present a spatial CPUE analysis on how the fleet is moving in relation to the Jack mackerel population/available habitat in Chilean waters. This paper was intended to show current developments in spatial CPUE for future stock assessment consideration. They were continuing their work on age/growth.

Craig reminded Jack mackerel nations to complete the SC developed Age/Length frequency templates and the survey/CPUE templates to help with the inputs into the jjm assessment.

### *Deepwater*

Dr. Ianelli referred to a large list of provisional papers provided by New Zealand/Australia and commented that the SC will need to devote a substantial amount of its time for Deepwater topics as the work plan was quite extensive.

### *Squid*

Dr. Ianelli ask about intended squid papers. Three separate provisional assessments were planned to be presented.

Peru will present an updated paper on the biological features of the population and an assessment methodology. The assessment method is based upon the results of a workshop that was held in Peru in June to assess squid within Peru's waters and the model that was developed is flexible enough to be applied in the SPRFMO Area. The model was developed using a New Zealand product (CASAL) and Patrick Cordue was invited to attend the workshop as an expert on that type of assessment. Peru hopes that the model will be used in the SPRFMO Area and requested that the SC consider supporting Mr. Cordue participation in SC6 to explain the model/method.

Craig confirmed that the 5k which had been set aside for Squid related research last year has not yet been spent nor committed. There was a discussion about the merits of using the 5k as Peru suggested. Members were generally supportive and felt it would be good to have the data in a repository (ie start to combine the work being done separately in China, Chile and Peru). Peru was happy to share the details of paper (uses 2001-07 information) and use a shared depository. A concern was raised that the size of the available money was not large, and it would be preferable to have a reasonable budget to support squid research. Chile was particularly interested in the discussion around the different assessment approaches and hoped that Mr. Cordue can contribute to that important discussion and this received general support.

Dr. Ianelli suggested that the offer of 5k be extended to facilitate Mr. Cordue's participation subject to his agreement to compare the various assessment approaches; there were no objections.

D. Li congratulated Peru on their work and expressed his interest in discussing it in more detail. China will present a paper on standard procedures for sampling and DNA analysis and also a size-structured assessment in AD model builder (previously applied to a short-lived lobster species in the USA).

Dr. Payá said that Chile will be sharing its experiences with conducting assessments for Jumbo squid using an in-season depletion model, a paper on population structure and a simulation study used to investigate patterns of recruitment for future MSE.

*Other SC topics*

The group noted that the report from the Habitat monitoring task group was available.

ACAP had provided a paper which will be presented by New Zealand.

The Secretariat asked for 2 slots within the meeting to allow the Commission chairperson to present and receive feedback on a paper on the observer programme – agreed. Attention was drawn to the 3 papers on exploratory fishing (2 proposals for Toothfish and one operational potting plan).

The Secretariat also noted that there was remaining SC funds available for analytical support and expert support to SC6. Chile, Peru and the USA explicitly supported using these funds to assist with the Chairs workload during the meeting (as was done in SC5).

Finally, Karin Mundnich asked about VMS data and how could the SC get access and what type of applications it was suitable for. A suggestion was made for the Secretariat to make a short paper on what type of data is being collected (frequency/coverage/extent etc), and this topic could be further explored during SC6.

Dr. Ianelli thanked everyone for their constructive comments and for being available for this web meeting which closed at around 14:00 GMT 31 July 2018