

3rd Meeting of the Scientific Committee

Port Vila, Vanuatu
28 September - 3 October 2015

SC-03-05

July 2015 Webinar Summary

Jim Ianelli, Niels Hintzen & Craig Loveridge

Meeting started at 15:00 GMT + 1

Participating:

Chair - Jim Ianelli;

Vice-Chair - Niels Hintzen;

Chile - Cristian Canales, Karin Mundnich;

China -Gang Li, Xiaorong Zou;

Ecuador - Direccion INP (Various);

Korea - Seok-Gwan Choi, Jae-Bong Lee;

New Zealand - Martin Cryer, Kris Ramm;

Peru - Jorge Csirke, Ricardo Oliveros-Ramos, IMARPE (various);

Oceania - Lisbeth van der Meer;

Secretariat - Craig Loveridge.

Apologies from Peter Ward (Australia).

Jim opens meeting, it's an informal meeting to get up to speed for the SC meeting in September/October.

Otoliths / ageing

Jim goes through roadmap and suggests some feedback on roadmap item 'e'. Jorge Csirke indicates that they have been too optimistic in using photos of the otoliths to allow estimation of daily rings. Hence, there is some delay. They try to find a solution to produce proper photos or using electronic microscopes. The process is delayed from IMARPE's side and they apologize for this delay. They hope to have some preliminary results ready for the Vanuatu SC3 meeting.

Cristian indicates that a paper will be presented on their otolith reading study.

Question on exchange of otoliths and daily rings: Jorge notes that some exchange has occurred.

Suitable habitat

Item f) EU project has been complete, no new information will be presented to the SC by the EU.

Stock assessment ORY & VME

Martin Cryer reported on assessments- national working group meeting next week. At least one paper on stock structure will be presented to the SC. The paper will address Orange roughy.

The VME work will be presented in a different paper. A methods paper will be presented on zonation management. Among others, models to predict VMEs will be presented.

Seabirds

NZ will present 2 papers on seabird interactions around vessels, comparisons between fisheries, cryptic mortality and advice on how to define hook characteristics will be presented.

Korea: bycatch low of seabirds-vessels bycatch no seabirds; in two years of observer coverage no bycatch observed.

Squid assessments

Korea and Chinese Taipei fishing for jumbo squid outside of Peru and have an interest in assessment (2 years ago). Korea will start to evaluate stocks as well. Korean government examining haul-by-haul data using observer data for more samples.

Peru preparing information document on Jumbo squid, biology, distribution, assessment etc.

Ecuador will send some information on Squid captures.

China has done biological research on squid and will present some research about squid such as age and stock assessment

Data workshop

Agenda goal is to complete as much as possible and goal to get the documentation of the data and improve transparency. Agenda is very ambitious for a 3-day meeting but considered a start and a follow-up later in the year might be needed. Group can go forward without working papers, but the question remains on participation. Registration data shows that about 50% are arriving in time for the data workshop and Secretariat also preparing documents for the workshop; bearing in mind current confidentiality clauses. Two Korean scientists will participate, observer data from 2005 onwards. NZ, Peru and China also confirm their participation.

Cristian proposed the use of several past documents be reviewed for the data meeting. There were several papers presented in different SWG meetings (Lima and Ecuador) in order to explain how data arise that are used in assessments with details about sampling design.

New Data

Gang Li indicated that Chinese CPUE from 2014 is updated and will cover 2001-2014.

Cristian notes latest data, catch-age, landings, CPUE to 2015, and survey in N of Chile, S-C Chile survey but "bad" results (low estimates).

The Secretariat will update Annual catches plus a series (matrix?) of catches by month/vessels since 2007 for Fleet 4 (may provide a recent signal on fishery).

Peru notes no new data, but updated information on the acoustic series.

Cristian asked if some of the data issues to be covered in the Data workshop could spill over into the SC meeting. Niels noted that there might be not much "extra" time due to other topics (DW, ecosystem).

Ricardo: SC need to spend some time on alternative stock structure, will match last year's but also allow for alternatives to compare.

Niels: wish list to have majority of assessment runs done prior to the meeting. Single species assessment done in plenary and multi-stock were left out...from plenary. Ricardo agrees.

Jim notes that this year there will be limited runs of the JJM model.

Ricardo confirms that Peru has made some intersessional modifications to the JJM model including integration of multistock functionality.

Cristian asks about documentation on the "new" model and Jim notes that all changes are tracked in Github.

Ricardo will submit a document on the JJM modifications to the SC.

Acoustic workshop

There was a question about the September IREA workshop on protocols for acoustic aboard industry vessels. Kwang Ja Hao noted that they are collecting acoustic data from this year's fishery and will be available from observer. He indicated they also operate in CCAMLR areas, ES70 echo sounder and acoustic data have been collected and evaluated using Echoview and presented at CCAMLR, possible to present preliminary results? The group noted that they hope Francois will report back to the SC with results from this workshop.

Supplementary item - observer programme

Chile: observer program issue, concern about mandate to develop with the advice from the SC and CTC. Question is how to start. Idea to establish inter-sessional group for proposal. SC might ask Commission to establish a group to meet in the coming years. Craig notes that this will be added to the agenda.

Other items

Jorge: question on the EU report availability for SC03. Niels will provide and give to Secretariat. It is available here: <http://edepot.wur.nl/328937>

Craig: Reminder about the supplementary items deadline: end of this week (July 27) and previous agreement to submit papers to SC one month prior including National Reports. Secretariat will circulate a memo at the end of this month.

Extract from chat log:

Hintzen, Niels (06:15): I hope this works

Jim Ianelli (06:15): Thanks

Cloveridge (06:15): Indeed it is

Kris Ramm (06:15): Works for me

Cryerm (06:15): and for me

Jorge Csirke (06:15): Work with me as well.

Cristian Canales (06:15): I'm ok!

Jim Ianelli (06:19): Any progress thanks on otolith, Jorge notes there have been some delays Otolith photographs in progress, IMARPE has new hardware for taking photos of otoliths Some issues with software for multi-focus of microscope parallel exploration of EM Some delays, exploring options for polishing etc for optical and some tests w/ EM hope for results for Vanuatu

Cloveridge (06:22): Jim - I'm taking notes in a word doc - but will start writing here if you like.

Hintzen, Niels (06:22): that's me in google docs

Jim Ianelli (06:23): notes are in

https://docs.google.com/document/d/1xy3OG6iqW_FLCuRjau5ATk6Fsg8rbC0JUmwX6cAUjZg/edit?usp=sharing

Cloveridge (06:23):

Cristian - will submit a new document with some new results in IFOP and will present at SC?

Cristian Canales (06:24): yes

Cloveridge (06:24):

Niels - what happened regarding the otolith exchange?

Jorge - confirms that the otoliths from southern part (Chile and EU) were received - only problem is the technique

Cristian Canales (06:25): we'll inform about this in SC

Cloveridge (06:25):

Jim - introduced road map item F (indicators for JM habitat) and asked for comments...

Gang LI (China) (06:25): Sorry, I drop the line

Cloveridge (06:26):

Jim - guessing that part of the data workshop will be physical and environmental variables.

Niels - does not expect to bring anything new to the SC on this topic. (Jim confirmed A-D will be talked about later on)

Jim - proposing to cover DW now so that NZ can comment given time zones asks Martin to comment

Martin - NZ has commissioned work on ORY stock assessments, how to split into which fisheries, meeting next week to consider initial results - will result in at least one paper for SC - ORY only

Jim - asked about VME work

Martin - VME stuff will be separate, will present some work on different methods for spatial management, predictive models, also some software for designing spatial management packages

Cryerm (06:31): Having issues with connection, sorry if I'm not very clear

Cloveridge (06:31):

Jim - seabird work?

Kris - confirms 2 papers, one looking at seabird interactions around fisheries and cryptic mortality, and another on defining hook characteristics

Seok Gwan - noting that seabird bycatch is very low in SPRFMO Area for Korea fisheries (nil).

Seok Gwan - has 2 years of observer information without seabird catches, and asks about long line interactions (Jim mentions that seabird catches expected to be in national reports),

Jim - asks for Squid information

Seok Gwan - Korea and Chinese Taipei operating in squid outside Peru and Chinese Taipei presented an assessment 2 years ago. Korea will start to evaluate stocks.

Niels - asks about working papers on evaluation

Seok Gwan - will place an observer onboard either this year or next year

Jim - sounds like we will see something preliminary at SC

Gang LI (China) (1) (06:39): China do biological research about squid

Cloveridge (06:40):

Jorge - Peru will be presenting a paper on squid biology, distribution and etc

Gang LI (China) (1) (06:40): China will present some research about squid such as age stock assessment work has been done for squid

Cryerm (06:40): I keep getting notifications of lost connection so may be dropping in and out of conversation

Cloveridge (06:42):

Jim - moving on to data workshop, introduced Niels and mentioned he would be chairing the data workshop

Niels - starts by saying the agenda is big, feels that documentation is lagging behind the stock assessment and this workshop provides a good opportunity to become more transparent and build on the assessment

Niels - open to ideas for modifying agenda and asks for feedback.

Jim - interested in hearing about papers to be presented, gives floor to Cristian

Christian - will present a paper on data sensitivities, which may be part of the data workshop or SC.

Cryerm (06:47): I plan to be at data workshop

IMARPE (06:49): Peru will participate

Cloveridge (06:49): confirms Secretariat will present papers showing what data it holds

Gang LI (China) (06:49): I will attend the data workshop

Cloveridge (06:49):

Craig - will send a summary to Niels/Jim from registrations

Korea - 2 scientists will attend data workshop.

China - a colleague will attend

Jim Ianelli (06:53): Thanks China, sound is breaking up

Hintzen, Niels (06:53): Cristian, please use the chat window you are very difficult to hear

Cloveridge (06:54):

Jim - Suggestion to put out a notice asking for documents for Data workshop

Jorge Csirke (06:55): There is a lot of echo...

Cloveridge (06:56):

I'm sorry - I did not hear that clearly.

Chile - will have documents from Santiago that will be useful for the Data workshop.

Chile - prior to the SC there are historic documents showing how data is gathered, these should be revisited

Jim - agrees

Cloveridge (07:01):

Niels - pleased to hear so many people will attend, pleased to hear that there is work already available, asks that known papers be send to him (and secretariat) so that the Data workshop can get off to a good start

Direccion INP (07:02): I am sorry communication is not good, we will send some information about Squid captures from Ecuador

Jim Ianelli (07:04): Unmuted Peru?

Cloveridge (07:04):

Jim - moves on to the CMMs specifically JM management, noting this year will be limited runs of model, no explorations, refers to Christian's work on sensitivities and asks Peru to comment on the new model developments

Peru - made modifications intersessional, multistock integration is finished.

Ricardo Oliveros (07:05): I cannot hear you

Hintzen, Niels (07:05): I think a short summary here may work best

Ricardo Oliveros (07:05): hear you, ok

Hintzen, Niels (07:05): probably Ricardo your computer has the echo

Gang LI (China) (07:07): echo

Ricardo Oliveros (07:08): I muted

Peru - has made some modifications,

Chile - asks is this a new model.

Jim - shows some slides explaining the modifications and thinks it is quite promising

IMARPE (07:10): It's not IMARPE

Jim Ianelli (07:10): thanks

Cloveridge (07:11):

Jim - asks about new data

Gang LI (China) (07:12): new cpue data of 2014, the time series CPUE data have been updated from 2001 to 2014

Cloveridge (07:13):

Craig - Annual catches will be updated plus a series (matrix?) of catches by month/vessels since 2007 for fleet 4 (may provide a recent signal on fishery)

Chile - south central survey will be updated but the estimates of biomass are very low

IMARPE (07:16): we have no new data

Gang LI (China) (1) (07:16): Time series of China CPUE data have been updated from 2001 to 2014

IMARPE (07:16): yes, we will present the summary of our acoustic workshop related to jack mackerel

Cloveridge (07:18):

Niels- the EU has new catch data plus age data which will be fed into the data workshop to see if it can be used

Gang LI (China) (1) (07:19): Chile acoustic data update to 2015?

삼성 (07:19): Is it age data of jack mackerel in offshore area?

Hintzen, Niels (07:19): yes, in the offshore area

Cloveridge (07:21):

Chile - if we do not do a new a stock assessment, will there be time to extend the data meeting

Jim - expects some blending of the activities within the SC

Jim - introduces the supplementary item on the Observer programme

Ricardo Oliveros (07:24): I have a comment

Cloveridge (07:25):

Niels - if time is available during the SC, then more topics can be addressed, but doesn't think that the SC will have much extra time, as the other non-JM topics are extensive

Ricardo Oliveros (07:26): did you hear me?

Cloveridge (07:26):

Ricardo - like to confirm that that the SC will dedicate some time for alternative stock structure hypotheses.

Gang LI (China) (1) to Jim lanelli (07:27): agree, take account meta population and simulate mixing rate among different stocks

Cloveridge (07:29):

Jim - asks about the running of the multistock model, and Peru confirms it will run as Jim had thought

Ricardo Oliveros (07:30): We agreed

Cloveridge (07:30):

Niels - wonders if it will be able to see the new run right at the start of the SC meeting.

Ricardo Oliveros (07:31): We can submit a summary way in advance of the meeting actually

Cloveridge (07:32):

Chile - wonders whether it is new model or based on JJM.

Cryerm (07:32): My connection dropped again, sorry

Cloveridge (07:33):

Jim - confirms it is based upon JJM.

Jim - asks about the workshop planned for September

Niels - workshop will focus on standardisation of acoustic data,

Korea - collected acoustic data from this year's fishery, and has been analysed in CCAMLR meetings. Have preliminary results (Jim thinks that information would be very interesting to see at SC - if relevant to SPRFMO)

Chile - (KM), regarding the observer programme, wish to share some thoughts and note that the observer programme should be developed with the SCs advice

Chile - idea to have an intersessional working group to discuss this

Ricardo Oliveros (07:44): Peru will submit a document comparing results of last year assessment using the new multi-stock version and SC 2014 one, by mid-August. Also, we will create a repo so everybody can try the new configs - Sure, we can do a pull request (in response to a question from Jim)

Van der Meer, Liesbeth (07:45): I'm here

Cryerm (07:45): No other issues from me. Thanks for organising this Jim

Cloveridge (07:45): I have some comments

Jorge Csirke (07:47): Thanks for that.

Hintzen, Niels (07:48): This is where our report can be found: <http://edepot.wur.nl/328937>

Jorge Csirke (07:50): Noted. Thanks.

Direccion INP (07:51): Thanks

Cloveridge (07:51): Will circulate provisional agenda at the end of this month, and a reminder about National reports and SC papers due 1 month prior to SC

Direccion INP (07:51): Jim, see u

Ricardo Oliveros (07:51): Thanks everybody

Cloveridge (07:51): Jim wraps up and meeting closed

삼성 (07:51): thank you Jim!