



**SECOND E- REPORTING AND E-MONITORING INTERSESSIONAL WORKING GROUP
MEETING (ERandEMWG2)
The Stones Hotel, Bali, INDONESIA
1 – 2 August 2016**

AGREED RECOMMENDATIONS FROM ERANDEMWG2

**WCPFC-2016-ERandEMWG2-05_as agreed on-screen
2 August 2016**

E- Reporting

1. ERandEM WG noted the use of e-technologies by CCMs in support of their national information management system development and further noted the need to consider how this work could be supported at the regional level. ERandEM WG recommended that additional resources are allocated to support the WCPFC Secretariat and the Scientific and Data Services Provider (SPC-OFP) in this regard, and these would be working towards the testing and acceptance of the E-reporting draft data standards referred to paragraph 3. ERandEM WG tasked the WCPFC Secretariat and SPC to develop a proposal including costings for consideration by FAC.

2. ERandEM WG recommends that SC12 and TCC12 note the work being done by SPC, with input from CCMs, on refining the draft E-Reporting standards for operational level catch and effort data and observer data and the anticipated work on draft E-Reporting standards for HSP1 and HSP-SMA reporting and manual reporting in the event of MTU malfunction. The group noted that the draft standards were expected to be updated based on relevant decisions of the Commission. ERandEM WG recommended that the Secretariat notify CCMs of updates to the draft standards, including the reason for the update, and invite comment before they come into effect. Some CCMs suggested that an annual implementation date would be helpful (eg by 1 June). It was recommended that this process be captured as part of the draft standards.

3. In regards to working towards the testing and acceptance of the E-Reporting draft data standards, the ERandEMWG-2 recommended:

- i. The Scientific and Data Services Provider (SPC-OFP) produce examples of the output from the draft ER standards for logbook and observer data in XML, JSON, CSV formats and these can then be made available to CCMs via the WCPFC web site;
- ii. The WCPFC Secretariat, with assistance from the Scientific and Data Services Provider (SPC-OFP), prepare a paper for the WCPFC13 FAC with a detailed work plan and costings for the following work:

- a. The development of appropriate mechanisms (e.g. XSD¹ and JSON² schema) for describing the elements in the ER data standard formats (e.g. XML¹ and JSON) to assist the technical service providers* in adhering to the standards;
- b. The development and implementation of a metadata³ database of the E-Reporting and E-Monitoring data standards, which would include establishing the database structure, an appropriate user interface for managing the data (by the WCPFC Secretariat and SPC) and tools to disseminate the metadata to both non-technical and technical users (e.g. web query interface)

4. The ERandEM WG recommends that interested CCMs work with the Secretariat and Scientific and Data Services Provider (SPC-OFP) to ensure all current formats used for submissions to WCPFC, eg North Atlantic Format (NAF)⁴, are adequately catered for in the draft E-Reporting standards.

5. ERandEM WG recommends the WCPFC Secretariat develop draft E-Reporting standards for transshipment reporting requirements (particularly declarations, notification and observer) required under CMM 2009-06.

6. ERandEM WG recommends that the Secretariat be tasked, working with the Scientific and Data Services Provider (SPC-OFP), to develop a revised draft E-reporting standards document to take into account the outcomes of the CCM testing and feedback from CCMs on the current draft of this document. CCMs are asked to provide comments by TCC12. This document should be circulated by the Secretariat to all ERandEM WG participants for their review and seek suggestions on how to progress the adoption of the E-Reporting standards by WCPFC13.

7. ERandEM WG noted that there may be a need to convene a meeting of the technical expert sub-working group, following WCPFC13 to progress technical discussions on E-reporting standards (observer and logbook catch and effort data). The output from this meeting will be presented to ERandEMWG3.

E-Monitoring

8. ERandEM WG recognised the progress by some CCMs with respect to trials of E-Reporting and E-Monitoring technologies. Some CCMs reported that they remain interested in understanding further how these technologies could enhance their data management frameworks and asked for capacity assistance in this regard. The ERandEM WG acknowledged those requests and encourages participants to share their experiences.

¹ XSD = XML Schema (W3C) (XML = Extensible Markup Language)

² JSON = JavaScript Object Notation

³ Metadata = Metadata are "data that provides information about other data". Two types of metadata exist: structural metadata and descriptive metadata. Structural metadata are data about the containers of data. Descriptive metadata use individual instances of application data or the data content.

⁴ NAF = North Atlantic Format

8. ERandEM WG acknowledged that there would be benefit in preparing a concept paper that explored what an E-Monitoring Program would look like and what may be needed to ensure that data collected under an E-Monitoring Program could be considered equivalent to the WCPFC ROP. The Chair agreed to take this on as a task with input from ERandEM WG participants. The ERandEM WG recommended that the Chair progress the concept paper.

Next steps

9. ERandEM WG reviewed the TOR, and the workplan therein. ERandEM WG reports that good progress is being made on items 1 – 5 in workplan.

10. ERandEM WG recommends that the Commission note and acknowledge the progress made by many CCMs from trialing through to implementing e-technologies.

11. The ERandEM WG recommends that the working group continues under existing TOR, and is reviewed in 2017. `

12. The ERandEM WG recommends that the next meeting (ERandEMWG3) be prior to SC13.
