



Electronic Monitoring Workshop

Thursday 18th – Friday 19th July 2024

Wellington, New Zealand

AGENDA ITEM. 1	Electronic Monitoring: SSPs
PAPER NUMBER:	WP.3
Summary This paper provides an overview of the work of the WCPFC ERandEM Working Group (ERandEM WG) relating to the EM Standards, Specifications and Procedures (SSPs) and seek participants views on the interim EM Standards. Recommendation: The workshop is invited to: 1. Discuss and provide views on the draft interim EM standards.	

Introduction

1. The WCPFC ERandEM Working Group (ERandEM WG) was tasked by WCPFC20 (2023) to develop a set of interim EM standards for adoption at WCPFC21 in 2024. The ERandEM WG work plan adopted at WCPFC20 is in Annex 1.

2. Earlier this year, the ERandEM WG Chair circulated an initial draft set of proposed interim EM standards for comment. Feedback were incorporated into the version of the draft EM standards that were made available and used for the discussion at the virtual ERandEM WG5 on 31 May 2024. The meeting walked through the draft SSPs that were provided and discuss other matters related to the operation of an EM programme within the WCPFC context, i.e. monitoring objectives, assurance processes, any additional SSPs that may be required; and harmonisation.

EM SSPs

3. The FFA Members EM SSPs adopted at FFC122 (2022) to be used as interim guidelines was tabled at WCPFC19 (2022) - see [WCPFC 19-2022-DP08](#). The standards SSP1a: Onboard EM systems and SSP1b: EM hardware and software in Data Review Centres (DRCs) were used as the basis for the

development of the WCPFC interim EM standards, discussed in the 31 May 2024 meeting (see meeting papers [here](#)).

4. In reviewing the SSPs, the WG identified, for each requirement, what would be:
 - MUST – these are things that an EM System or EM Program must have. Evidence for these ‘musts’ would need to be provided and could be subject to an assurance process;
 - SHOULD – features that could be very useful to have, but not strictly required; and
 - COULD – features that are much less critical.

5. After ERandEM WG5, the Chair committed to producing a paper for SC20 that will:
 - include a ‘clean’ version of the proposed interim EM Standards. Based on written feedback from IWG members and meeting discussions, the Chair will seek to minimize [square bracketed text] but note that the fully annotated version will remain available to CCMs through their online access to the ERandEM WG webpage.
 - Further outline a way forward for matters such as assurance, harmonization, and interim EM minimum data standards.

6. The ERandEM WG Chair is anticipated to provide the workshop with update on his paper to SC20 and plan going forward to WCPFC21 in December.

7. Whilst the Chair’s ‘clean version’ of the proposed interim EM standards is not available yet, this workshop provides an opportunity for Members to further consider and provide views on the priority interim SSPs and their components as below:

SSP: Onboard EM Systems

On-board EM System component
1. Control centre
2. User interface
3. Cameras
4. Geolocation data and device
5. Uninterruptible power supply
6. Sensors
7. Communication system

General Requirements for Onboard EM Components
1. Weather resistance
2. Tamper resistant and tamper evident
3. Compatibility with other onboard equipment
4. Compatibility with DRC review software
5. Capable of Spatial Calibration
6. System Health Status
Installation, Operation, and Service of onboard EM Systems
1. EM system installation
2. Vessel Monitoring Plan
3. Field and Technical Support Services

SSP: Data Review Centres

DRC Component
1. EM Analysis Software
2. EM Analysis Workstations
3 EM Analysts
4. A system to monitor EM System health on vessels

Annex 1:

COMMISSION
Twentieth Regular Session
 4-8 December 2023
 Rarotonga, Cook Islands (Hybrid)

ERandEM Proposed Schedule of Work

ER and EM Work Plan Priority Tasks	Timing	Mode of working	Outputs
a. Identification of priority Standards, Specifications and Procedures (SSPs)	Dec 23 – Feb 24	Via email	Key materials and priority SSPs identified
	Apr-May 24	Virtual meeting	Review of priority SSPs for inclusion in SC and TCC paper
	Aug-Sep 24	SC and TCC consideration	Recommendation and advice from these two subsidiary bodies
b. Confirm information needs for longline and longline transshipment	Dec 24	WCPFC-21	Agreement and/or feedback on SSPs
c. Develop proposed assurance and associated SSPs			
d. Develop an initial draft CMM for a WCPFC EMP	TCC	In-person session	Outline of draft CMM
	Oct- Nov 24	Via email	Draft CMM and key questions identified
	Dec 24	WCPFC-21	Feedback on draft CMM
e. Finalise SSPs and propose changes to other WCPFC documents	Dec 24 – Feb 25	Via email	Key activities and timelines for 2025 identified, including any consequential amendments required
	Apr-May 25	Virtual meeting	<i>To be confirmed</i>
	Aug-Sep 25	SC and TCC consideration	<i>To be confirmed</i>
	TCC	In-person session	<i>To be confirmed</i>
	Dec 25	WCPFC-22	Adoption of CMM on a WCPFC EMP 😊