

SPC/FFA/PNAO Data Collection Committee (DCC)
Longline Electronic Monitoring (EM) Planning Workshop

16–18 October 2019

FFA Main Conference room
Honiara, Solomon Islands

DRAFT Annotated Agenda
as at 15 October 2019

WORKSHOP AIM

For FFA members to contribute to the further development of a regional and FFA member national longline EM policy¹.

PRIMARY OBJECTIVE

To progress the adoption of an EM policy and associated standards for longline fisheries at the WCPFC.

SCOPE

This workshop will focus on E-Monitoring for longline fishing only.

¹ Without prejudice to an FFA members' rights and obligations.

WORKSHOP ANNOTATED AGENDA

Agenda item – 1: Opening address and objectives of the workshop

An FFA member representative will offer a prayer to start the Workshop.

[A member of the FFA executive will welcome FFA member country representatives and other participants.

The Workshop will commence with:

- a brief introduction and a tour-de-table
- an outline of the Workshop objectives, workshop structure and anticipated outcomes
- a review the proposed schedule and agenda management, and
- an explanation of working arrangements and meeting resources available to participants.

Agenda item – 2: Recent governance/policy developments regarding longline EM in the region

Representatives from the FFA and SPC Secretariats and the PNAO will provide background and updates on E-Monitoring-related regional and sub-regional developments and initiatives:

- a. FFA regional EM Policy status (*FFA Secretariat*)
 - b. PNA Programme (*PNAO*)
 - c. WCPFC context
 - i. ERandEM WG (*WCPFC Secretariat*)
 - ii. Project 93 (*WCPFC Secretariat*)
 - d. Transition of EM Process Standards (*SPC*)
 - e. Summary of Questionnaire responses (*FFA Secretariat*)
- **DESIRED OUTCOME:**
- FFA members are informed of recent developments regarding EM in the region.

Agenda item – 3: Scientific- and compliance-related Objectives

An EM Policy will describe objectives for EM programmes. The Workshop will discuss scientific- and compliance-related objectives together with supplementary EM objectives that may offer broader benefits. As the objectives describe what is to be achieved, participants will also consider principles that may be required to guide how each objective will be accomplished.

- a. for Scientific purposes (*SPC*)
- b. for Compliance purposes (*FFA*)

- c. options for 'Coverage' (SPC)
- d. Fishing Industry Panel Session

This session will draw on FFA member country responses to the pre-Workshop questionnaire and build on the following:

Science objectives (SPC)

- Catch validation (c.f. logsheets)
- Augment HO info for bycatch estimation, incl. SSI, CPUE
- Effort measurement
- Standardised CPUE
- ...

Compliance objectives (FFA/PNAO)

- Catch validation
- National and CMM infractions
- Detect pollution
- Monitor Crew/Observer safety and behaviour
- Transshipment event monitoring
- IUU
- ...

Industry

- Monitor fish handling
- Monitor Crew/Observer safety and behaviour
- Monitor for other good practices
- chain of custody
- Accreditation (SR, sustainability programs - MSC, etc.)...

- Ensuing discussion will:
 - review and agree on Compliance/Science/Industry/Other objectives
 - consider principles that will be required to achieve the objectives

- **DESIRED OUTCOME:**
 - Increased shared understanding of the potential uses of longline EM data for compliance and science purposes to inform further development of the EM Policy.
 - Workshop suggestions for EM objectives for inclusion in the Draft Policy.

Agenda item – 4: Approaches for EM implementation for the longline fishery

FFA member country representatives who are directly involved in the implementation of EM will describe their decision processes and practical experience with setting science- and compliance-related objectives for their EM programmes. This item provides an opportunity for FFA member country representatives to highlight key issues experienced with EM programme design and implementation at the national level. Issues may include experience

with design and planning, stakeholder consultations, engagement and challenges, balancing compliance- and science-related objectives, maintenance of EM equipment, transmission of records, coordination of DRCs, Data Quality control, financial resourcing, staffing and training, and inter-departmental engagement to support EM implementation.

- Brief presentations that describe/outline approaches by FFA members to EM implementation decisions covering for both scientific and compliance needs
 - o National
 - o Fiji/FSM/Cook Islands/ SI/Australia/NZ?? Models [FFA EM member country representative(s)].
 - o Regional
 - PNA model [PNAO]
 - o Key components
 - Objectives
 - Coverage decisions
 - Relationships to other monitoring and reporting programmes (Observers, port monitoring, logbooks, etc.)
 - Etc.

- This agenda item will review:
 - o **Compliance approach decision:** Driven by FFA MCS risk approach. Coverage based on compliance risk but integrated into the same review process as data analysis. Later workshops will define specific triggers (e.g. to increase EM coverage) based on the FFA MCS risk approach.
 - o **Science approach decision:** randomisation in sets chosen for review enhances the representativeness of the review. For science, minimum coverage of 20% is recommended to obtain representative estimates of tuna target species (Lawson, 2004); for some (less common) bycatch species, the coverage would need to be higher to get a representative estimate.
 - o **Industry and other approach decision:** randomisation in sets chosen for review and enhances the representativeness of the review

- **DESIRED OUTCOME:**
 - o Member countries are familiar with the different considerations that have influenced national EM programme design and implementation and have provided guidance on which approaches are preferred.

Agenda item – 5: Financing EM for the longline fishery

This item provides an opportunity for FFA members to describe sustainable financing considerations for their EM programmes. Cost-recovery considerations will feature in Workshop discussions.

- Brief presentations by Member countries who have trialled EM systems on current issues including discussion on aspects that will benefit from regional consideration and decisions (*FFA member country representatives*).
- Financing EM - Cost recovery
 - Options for cost recovery (Facilitator)
 - PNA cost recovery considerations
- **DESIRED OUTCOMES:**
 - A list of key issues associated with EM programme implementation.
 - Identification of key issues associated with cost-recovery.

Agenda item – 6: Recent and future technical developments in longline EM

This agenda item will be supported with presentations from representatives from technical service providers who will profile recent and planned EM-related developments and enhancements (e.g. species image banks). They will be invited to comment on constraints with EM programmes experienced to date as reported to the Workshop. A list FFA member country national and regional EM programme desired functionalities and attributes will be available for discussion under this item (*to be facilitated by SPC*)

- Brief presentations by the technical service providers on recent and future planned developments.
- Brief presentation on what Member countries and regional agencies want technical service providers to prioritise.
 - A list of member countries understanding of where there are potential efficiency gains to be prepared prior to the meeting and sent to Technical service providers to respond on feasibility during the meeting.
 - Potential areas of improvement include: Artificial Intelligence (AI), sensors, Hook algorithm, smart FLOATS, smart SNAPS, etc. Use of satellite communications to improve timeliness in data transfer, etc.
- **DESIRED OUTCOME:**
 - FFA Members are better informed on recent and future technical developments in longline EM and have provided guidance to technical service providers on future needs and priorities.

Agenda item – 7: Longline EM Policy

The Workshop will review the revised draft structure for the EM Policy that will be prepared during the Workshop taking into account the advice and recommendations of FFA members. The Workshop will then consider strategies and associated next steps for progressing the finalisation of the EM Policy. The supporting discussion could consider timelines and key events, national and regional institutional roles and responsibilities, relationships and

complementarities with other activities, such as the draft longline EM data standards, and consultation options.

- **DESIRED OUTCOME:**
 - A plan for the next steps, including the identification of meetings to target and how intersessional work will be conducted.

Agenda item – 8: Adoption of workshop outcomes

- Adoption of a draft for EM Policy and an outline of next steps.

- **DESIRED OUTCOME:**
 - Adoption of workshop outcomes and recommendations