



E-MONITORING AND E-REPORTING WORKSHOP

Pacific Islands Forum Fisheries Agency Headquarters, 31 March – 1 April 2014
Honiara, SOLOMON ISLANDS

LIST OF REPORT RECOMMENDATIONS AND LINKAGES TO PROVISIONAL AGENDA

**WCPFC-EmandErW-2014-04
26 March 2014**

A copy of WCPFC Circular 2014-20 the circular is provided here for the reference of EmandEr workshop participants. The circular provides:

- guidance on how the recommendations from the Consultants report (WCPFC10-2013-16_rev1) might be covered during the E-Monitoring and E-reporting Workshop; and
- the list of the 5 strategic and 32 recommendations from the Consultants report.



TO ALL COMMISSION MEMBERS, COOPERATING NON-MEMBERS AND PARTICIPATING TERRITORIES

Circular No.: 2014/20
Date: 26 March 2014
No. pages: 5

Reminder for E-Monitoring and E-Reporting Workshop

Dear all,

CCMs are reminded to register for the WCPFC EM and ER workshop to be held at FFA Headquarters in Honiara, Solomon Islands from 31 March – 1 April 2014. (<http://www.wcpfc.int/meetings/e-monitoring-and-e-reporting-workshop>).

Participants are encouraged to consider WCPFC10-2013-16_rev1 and the recommendations contained therein. A list of strategic recommendations is on page vii of the report. There are also 32 recommendations on page xiii of the report (att.). The following table provides guidance on the recommendations to be covered under each agenda item.

Agenda Item	Recommendations
Agenda Item 2 - E-technologies in the WCPO	Strategic recommendations 1-5
Agenda Items 3, 4 - E-reporting in the WCPO	Strategic recommendation 3, R1-R17, R23-27, R29-32
Agenda Items 6, 7 - E-monitoring in the WCPO	Strategic recommendation 4, R1, R4, R15-32
Agenda Items 8, 9 - Commission priorities for action	Strategic recommendations 1-5 (revisit)

Kerry Smith's discussion paper that considers impacts on SIDS employment (WCPFC-2014-EmandErW-05) is also available on the Commission's website.

For further information, please contact the Secretariat's Compliance Manager, Dr Lara Manarangi-Trott (lara.manarangi-trott@wcpfc.int) or Kerry Smith (kerry.smith@wcpfc.int).

Kind regards

Professor Glenn Hurry
Executive Director

Strategic Recommendations¹

Strategic Recommendation 1: To improve quality and timeliness of the data available for science, compliance, and management, to enhance and streamline reporting obligations, and to provide an additional means of effective observer monitoring, this report recommends the Commission, its members, and its partner regional organisation within the WCPO implement both E-Reporting and E-Monitoring programs without delay..... 30

Strategic Recommendation 2: The Commission should adopt an approach of developing standards, specifications, and certification procedures for both E-Reporting and E-Monitoring, against which any provider can seek to be certified, in preference to seeking a single provider.....31

Strategic Recommendation 3: The implementation of E-Reporting for logsheets, observer reports, and CMMs should be undertaken in a phased approach determined by technical feasibility, and practical considerations and constraints. The process for development of E- Reporting standards, specifications and type approvals should be led by the Commission Secretariat as amongst the first and high priority actions.....44

Strategic Recommendation 4: E-Monitoring be formally recognised and adopted as a legitimate, appropriate and acceptable monitoring tool as both an alternate to human observer programs and a supplement to observer programs, for certain WCPO tuna fisheries. The process for development of E-M standards, specifications and type approvals should be led by the Commission Secretariat as a priority and E-M should be progressively rolled out to support compliance with Commission’s CMMs, improve fishing practices, and increase fisheries knowledge. The use of E-M using sensors alone should be considered as appropriate, based on fishery monitoring goals..... 45

Strategic Recommendation 5: Implement separate but parallel processes to move E-Reporting and E-Monitoring technologies forward towards implementation. These processes should involve the establishment of an Implementation Working Group (IWG) for each technology, each with a Project Manager, and both under the oversight, direction and control of an Internal Governance Committee (IGC) to monitor project risks, budgets, potential conflicts of interest, and progress against agreed goals..... 52

¹ WPFC10-2013-16_rev1

List of Recommendations²

Recommendation 1: To facilitate implementation of E-Reporting and E-Monitoring, to the fullest extent possible, use current data requirements and reporting timeframes at this time.....	31
Recommendation 2: Agree on the information for which E-Reporting will be applied and fully specify the data formats and protocols for electronic entry, storage and transmission.	32
Recommendation 3: Evaluate the use of XML as the standard serialisation format for all E- Reporting not requiring satellite transmission.....	33
Recommendation 4: Evaluate the most appropriate serialisation format (CSV, NAF or others) for all E-Reporting and E-Monitoring requiring satellite transmission.....	34
Recommendation 5: Acknowledging that some countries have already instigated E- Reporting trials, preparation work involving development of data standards and certification should be undertaken as a priority to enable coordinated cross-jurisdictional implementation of any E- Reporting process.....	36
Recommendation 6: Establish an E-Reporting logsheet data pathway in which the primary data transfer goes from the vessel in parallel to the fishing company, fisheries agency and SPC (e.g. as the central regional data collection point and on behalf of the WCPFC). A secondary transfer of final edited data together with the change audit will be shared between each of these agencies.....	39
Recommendation 7: To facilitate buy-in by CCMs and industry, the initial implementation of E-Reporting logsheets should focus on end-of-trip reporting. Technical and practical factors determine that uptake of E-Reporting logsheets will be more feasible in the short term for vessels in the purse seine fleet, and a longer process will be required for the longline fleet.	39
Recommendation 8: Minimum real time E-Reporting logsheet fields should include: vessel code, date, time and position together with species code and weight for Skipjack Tuna, and species code, weight and grade (large/small) for Yellowfin Tuna and Bigeye Tuna. Fields identified in the CMMs as critical for real time availability for management of the fishery should also be provided.	40
Recommendation 9: The introduction of real time E-Reporting logsheet reporting should only be considered as a second phase of E-Reporting to begin once end of trip E- Reporting logsheet reporting is well established.....	40

² WCPFC10-2013-16_rev1

Recommendation 10: End of trip E-R observer reporting should be introduced alongside E- Reporting logsheets during the introduction of the first phase of E- Reporting.....42

Recommendation 11: In addition to any OH&S requirements, minimum real time E- Reporting observer fields should include: vessel code, date, time and position together with species code and weight for Skipjack Tuna, and species code, weight and grade (large/small) for Yellowfin Tuna and Bigeye Tuna. Fields identified in the CMMs as critical for real time availability for management of the fishery should also be provided.....42

Recommendation 12: If capacity to implement real time E-Reporting logsheet reporting is delayed or impractical, then there should be additional focus on the implementation of real time E-Reporting observer reporting.43

Recommendation 13: The initial implementation of E-Reporting of CMM obligations should focus on transmissions between the vessel and the fisheries agency.....43

Recommendation 14: Implementation of E-Reporting of CMMs between the fisheries agency and the Commission should be considered only when a large proportion of the fleet is undertaking E-Reporting of CMMs to the fisheries agency.44

Recommendation 15: It is recommended that the development and approval process for standards, specifications, type approvals; the certification process for hardware and software; and maintenance of standards; should be led by the Commission Secretariat with the participation of representatives with technical expertise from regional organisations, flag States, and coastal States.....48

Recommendation 16: Certification to standards should be administered by an independent third party.....48

Recommendation 17: It is recommended that the development and maintenance of high level policies and procedures be led by the Commission Secretariat.....48

Recommendation 18: It is recommended the focus of E-M administration be through existing sub-regional observer programs, and national fishery agencies.48

Recommendation 19: It is recommended that hardware and software be purchased, installed, and maintained by vessel owners.49

Recommendation 20: It is recommended that procedures be developed to facilitate all four options for data retrieval, based upon a risk assessment of the circumstances of each type and variation of data retrieval.49

Recommendation 21: It is recommended that national fishery agencies, and regional observer programs be responsible for analysis of video and sensor data.50

Recommendation 22: It is recommended these matters be referred to the EWG tasked with progressing E-M for resolution.50

Recommendation 23: EWGs be established for both E-Reporting and E-Monitoring, with the delegation and resources to call on technical advisers and industry expertise, operating under a strict policy of declaring potential conflicts of interest. SPC should be involved in some capacity in the E-Reporting Working Group and FFA should be involved in the E-Monitoring Working Group..... 52

Recommendation 24: The EWGs comprise a maximum of eight country members with nominations for members with relevant technical skills to be provided to the Commission Secretariat by 31 January 2014.....53

Recommendation 25: The Commission Chair in consultation with the Secretariat appoints independent IWG chairs.....53

Recommendation 26: The Secretariat establishes an Internal Governance Committee (IGC) chaired by the Compliance Manager, and with three members.....53

Recommendation 27: Project managers should be procured either through engagement of suitably experienced contractors known to the Secretariat, or as a potential secondment from a CCM agency, or as a secondment from FFA or SPC.....55

Recommendation 28: The Commission Secretariat should facilitate E-M demonstration trials and develop a broad communication strategy.55

Recommendation 29: The Commission Secretariat should develop IWG terms of reference based on relevant decisions of the Commission concerning this report, and including the program of meetings.....55

Recommendation 30: Planning workshops involving full CCM participation should be held immediately in advance of an initial joint meeting of IWGs.56

Recommendation 31: A detailed study of costs and benefits, as well as the potential impacts on regional employment would be useful projects should resources permit.....64

Recommendation 32: The development of model fisheries legislation, with a focus on supporting Pacific Island Countries, be developed by the Commission Secretariat.....66