Western and Central Pacific Fisheries Commission

TECHNICAL AND COMPLIANCE COMMITTEE
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REPORT BY SECRETARIAT ON IMPLEMENTATION OF THE 2012 WORK PLAN, AND PROPOSED TCC WORK PLAN AND BUDGET 2013-2015

Paper prepared by the Secretariat

Overview of 2012 TCC work plan implementation

1. In 2012, in addition to a number of responsibilities for administration and coordination of WCPFC cooperating MCS programmes, the implementation of the Compliance Monitoring Report process has and remains a large piece of work for the Secretariat. For TCC8, the Secretariat has prepared a number of papers that report on the implementation and administration by the Secretariat of the WCPFC cooperative MCS programmes:

Summary of HSBI Reports received by WCPFC	(WCPFC-TCC8-2012-IP16)
Annual Report by Secretariat on ROP	(WCPFC-TCC8-2012-15)
ROP data management	(WCPFC-TCC8-2012-16)
Annual Report on the Commission VMS	(WCPFC-TCC8-2012-IP02)
Compilation and Analysis of IUU listing procedures of other RFMOs	(WCPFC-TCC8-2012-10)
Draft IUU list and current WCPFC IUU list	(WCPFC-TCC8-2012-09)
Annual Report on the Record of Fishing Vessels, including review of the Interim Register for non-CCM carrier and bunker vessels	(WCPFC-TCC8-2012-IP06)
Review of High Seas Transshipment Rules for fishing vessels, other than purse seine vessels (para 37 and 38 of CMM 2009-06)	(WCPFC-TCC8-2012-17)
List of WCPFC Charter Notifications under CMM 2011-05 and CMM 2009-08	(WCPFC-TCC8-2012-IP08)
Draft analysis of Cooperating Non-Member applications for TCC8	(WCPFC-TCC8-2012-26)
Secretariat report available information, on implementation of and compliance with CMMs	(WCPFC-TCC8-2012-IP04)
Update on submission of Annual Report Part 1 and Part 2, with dates of dCMR finalisation	(WCPFC-TCC8-2012-IP03)
Report on online interface for Part 2 Annual Reporting, and suggested refinements to future reporting requirements for CMS	(WCPFC-TCC8-2012-18)
Anticipated resourcing requirements for the Secretariat from extending CMS	(WCPFC-TCC8-2012-19)
Secretariat report on the administration of the WCPFC data access rules and procedures	(WCPFC-TCC8-2012-IP05)

2. In addition, during 2012, member delegates have led intersessional work related to project specific tasks related to current WCPFC cooperative MCS programmes. These include the following papers for TCC8:

- ROP-TAG – commenced its work in 2012 under terms of reference approved by WCPFC8 (WCPFC-TCC8-2012-14)
- VMS-SWG regarding the future of the Commission VMS– was approved to conduct interssional work in 2012 (WCPFC-TCC8-2012-11)
- USA – Application of the Commission VMS to the National Waters of Members (WCPFC-TCC8-2012-DP08)
- Report on Eastern High Seas Special Management Area (CMM 2010-02) (WCPFC-TCC8-2012-DP03)
- USA – IUU listing procedures (coastal State satisfaction)

A copy of the approved 2012 work programme and budget is included within Annex C. The report on the financials for the 2012 TCC work programme and budget will be provided in papers to FAC6 (December 2012).

Proposed future TCC work plan and budget

3. Two reference documents set out the scope and provide guidance on the TCC work plan and its priorities. Article 14 of the Convention, particularly paragraph 1 and 2, set out the functions and mandatory tasks for TCC's work. The WCPFC Strategic Plan which was adopted at WCPFC8 as a living document should provide TCC with a statement of priorities for its work plan. The provisions of Article 14 and relevant excerpts from the WCPFC Strategic Plan are reproduced in Annex A.

4. At WCPFC8, the Secretariat received additional comments from CCMs on the TCC work plan (*including WCPFC8-2011-DP08*), and it was not approved by WCPFC8. The Secretariat presents here a revised draft TCC work plan that takes into account some of these comments (Annex B). Annex B is incomplete because there are aspects such as priorities and scheduling of particular task which are more appropriately completed by the TCC, rather than the Secretariat. Article 14 of the WCPF Convention and the WCPFC Strategic Plan were used as reference documents in preparing this draft TCC work plan.

5. At TCC8, there is expected to be a discussion on the priorities and structure of TCC, including rationalization of meetings; separate papers have been provided on this topic (WCPFC-TCC8-2012-23 and WCPFC-TCC8-2012- IP19. The draft TCC work plan has been prepared assuming that the current TCC meeting scheduling is continued. It is however recognized that the outcome of these deliberations will necessarily impact on the TCC work plan going forward.

6. The 2012 TCC budget was approved by WCPFC8, with indicative budgets for 2013 and 2014. The Secretariat presents here a draft budget for 2013 and indicative budgets for 2014 and 2015 (see Annex C). The proposed draft budget for 2013, seeks to accommodate the Secretariat's proposals to TCC8, including those contained in TCC8 working and information papers. The proposed figures presented in Annex 3 are preliminary, and the Secretariat intends to be able to provide further budgetary details and updated estimates for FAC6.

7. Some explanatory notes on the 2013 proposed draft budget and proposed indicative budgets for 2014 and 2015 include:

Regional Observer Programme

- ROP data management: A recommendation in WCPFC-TCC8-2012-16 that the ROP data entry budget is maintained at least at the current level for the next three years, with consideration for adding the costs of the observer database management staff (observer data manager and data audit officer) to the 2014 and 2015 budget pending clarification of when current funding for these positions will terminate. The figures provided in the Indicative budget for 2014 are based on the WCPFC8 figures for total cost of ROP data management ($896,811), with a pro-rata increase applied from June - December 2014. However, for reasons provided in WCPFC-TCC8-2012-16, revised estimates will need to be produced for FAC6.
- Regional Observer Programme:
    - o the figure of $25,000 is added into the proposed indicative budget for 2013 to continue support to IATTC/WCPFC cross endorsement training in 2013 (under line item for "workshops").
    - o The annual $30,000 allocated for ROP- special projects and research activities continues to be used for purse seine species composition activities conducted by SPC-OFP on behalf of WCPFC (a further proposal for funds in the SC part of the WCPFC budget is explained in WCPFC-TCC8-2012-IP17)
    - o As explained in WCPFC-TCC8-2012-IP17, inclusion of a line item which allocates some dedicated funds for development of an IMS database module to allow the WCPFC to be able to monitor and provide reports on target and achieved coverage levels under the ROP (CMM 2007-01 para 12 a iii). This amount is a rough estimate of costs, and further budgetary details and updated estimates can be provided for FAC6.

VMS

- Noting that the Future of the Commission VMS is a topic to be discussed at TCC8 (agenda 2.3a) the indicative costs for the WCPFC VMS have been maintained.
- The costs of CCM/staff VMS training is proposed to be reduced in 2013, to an amount that could be used to cover in-country training/support which could be provided to CCMs by the WCPFC VMS Manager and VMSOO, on request.

IMS, RFV and Annual Report Part 2 online interface

- At this stage the Secretariat expects that additional IMS development funds will not be needed in 2013, to complete the development work on the online Annual Report Part 2 template so that it is ready for use by CCMs in 2013, as well as similar development work on the online interface for internal dCMR development by the Secretariat in 2013;
- As was outlined in (WCPFC-TC8-2012-19) the Secretariat proposes that if Annual Report Part 2 is to be made available for use by CCMs online that provision should be made for online hosting and

publishing of the AR Part 2, and possibly draft CMR report responses. A new line item in the TCC budget "AR Part 2 and CMS" is proposed for inclusion. A provisional estimated annual cost of $18,000 is an estimate based on the current costs of Guam VMS redundancy provision: a cost-benefit analysis of options for hosting this AR Part 2 and CMS online publishing server can be provided to FAC6;

- An increase to the "Information Management System incl. RFV" line item is proposed for support to development and enhancements to the WCPFC IMS which were outlined in a number of WCPFC-prepared TCC8 Reports (including WCPFC-TCC8-2012-18, 19 and IP05). The amount of $35,000 which is currently in the 2013 indicative budget reflects the regular costs of maintenance and support for the RFV and IMS, WCPFC annual meeting decision implementation, and a small allowance for development of one project enhancement to the WCPFC IMS (in 2012, this covered the costs of the development of the module for WCPFC high seas transshipment database and catch discard database). The Secretariat will be undertaking a requirements analysis of proposed developments and enhancements to the WCPFC IMS, including expanding the integration of MCS data and information within the WCPFC IMS. The proposed increase of $45,000 (on top of the $35,000 in the indicative budget) is a rough estimate of costs, and further budgetary details and updated estimates can be provided for FAC6.

- Noting the outcome from WCPFC8, the estimated costs of implementing the proposed draft RFV SSPs (WCPFC-TCC8-2015-24) are not currently factored in the proposed 2013 budget, or proposed indicative budgets for 2014 and 2015.

8. In addition to the regular TCC budget, it should be noted that there is at least one source of other funds for work by the WCPFC Secretariat on the ROP, and one source of potential funds for IMS integrated MCS enhancement work:

- Regional Observer Programme Support Fund – as at 1 Sept balance is approx. $126,000

- A project proposal under Component 2: Strengthening and harmonizing of Monitoring, Control and Surveillance (MCS) of the *Sustainable management of tuna fisheries and biodiversity conservation in the Areas Beyond National Jurisdiction (ABNJ)* which is being considered by GEF in early October. The project proposal is related to expanding the use of the current satellite-based VMS data, through the technological integration of VMS data, observer data, transshipment reports, and the WCPFC Record of Fishing Vessels within the WCPFC Information Management System – request was for approx. $80,000 (for consultation with CCMs and experts, requirements analysis and design/implementation in the IMS). If approved, funds would be available from late 2013.

TCC8 is invited to
- Note the overview provided of 2012 TCC activities;
- Review the TCC proposed budget for 2013, and indicative budgets for 2014 and 2015, and refer this to FAC6;
- Indicate the proposals where further elaboration of budgetary proposals should be provided by the Secretariat for FAC6 discussions;
- Review the TCC work plan, and recommend a process to finalise the TCC work plan 2013-2015 during TCC8, and/or prior to WCPFC9.

Excerpts relevant to TCC work plan from WCPF Convention

SECTION 3. THE TECHNICAL AND COMPLIANCE COMMITTEE
Article 14
Functions of the Technical and Compliance Committee
1. The functions of the Technical and Compliance Committee shall be to:
(a) provide the Commission with information, technical advice and recommendations relating to the implementation of, and compliance with, conservation and management measures;
(b) monitor and review compliance with conservation and management measures adopted by the Commission and make such recommendations to the Commission as may be necessary; and
(c) review the implementation of cooperative measures for monitoring, control, surveillance and enforcement adopted by the Commission and make such recommendations to the Commission as may be necessary.

2. In carrying out its functions, the Committee shall:
(a) provide a forum for exchange of information concerning the means by which they are applying the conservation and management measures adopted by the Commission on the high seas and complementary measures in waters under national jurisdiction;
(b) receive reports from each member of the Commission relating to measures taken to monitor, investigate and penalize violations of provisions of this Convention and measures adopted pursuant thereto;
(c) in consultation with the Scientific Committee, recommend to the Commission the priorities and objectives of the regional observer programme, when established, and assess the results of that programme;
(d) consider and investigate such other matters as may be referred to it by the Commission, including developing and reviewing measures to provide for the verification and validation of fisheries data;
(e) make recommendations to the Commission on technical matters such as fishing vessel and gear markings;
(f) in consultation with the Scientific Committee, make recommendations to the Commission on the fishing gear and technology which may be used;
(g) report to the Commission its findings or conclusions on the extent of compliance with conservation and management measures; and
(h) make recommendations to the Commission on matters relating to monitoring, control, surveillance and enforcement.

3. The Committee may establish, with the approval of the Commission, such subsidiary bodies as may be necessary for the performance of its functions.

4. The Committee shall exercise its functions in accordance with such guidelines and directives as the Commission may adopt.

Excerpts relevant to TCC work plan from WCPFC Strategic Plan (WCPFC8-2011-FAC5-07):

STRATEGIC VISION:
Effective management, long-term conservation and sustainable use of highly migratory fish stocks in the WCPO for present and future generations through the application of precautionary fisheries management, based on the best scientific information available, while minimizing adverse social and environmental impacts and giving full recognition to the special requirements of developing States Parties to the Convention, in particular of Small Island Developing States (SIDS) and territories.

This Plan has been updated to guide the development of the Commission and the activities of the Secretariat through 2014. It describes the priority tasks and principle strategies for the effective and efficient implementation of the Convention. Without prejudice to future decisions of the Commission, it also describes operational activities and a programme of work through 2014.

Relevant Principle strategies from the WCPFC Strategic Plan

Adopt measures to ensure that the Commission has the necessary monitoring, control and surveillance tools in place to ensure compliance with CMMs and address illegal fishing

Relevant Operational activities from WCPFC Strategic Plan

- Adopt enforceable conservation and management measures that reflect the consideration and application of the Scientific Committee;
- Adopt and implement effective measures to reduce the incidental mortality of other species particularly, sharks, turtles, birds and mammals;
- Addressing identified data gaps;
- Establish and implement appropriate cooperative mechanisms for effective MCS and enforcement;
- Monitor the level of compliance with conservation and management measures adopted by the Commission and develop processes to address non-compliance, including through the use of positive and negative remedies.

Relevant associated program of work from WCPFC Strategic Plan

2012	2013	2014
• Investigate ROP data entry technology • Implement KOBE process including regional and subregional linkages for IUU vessels • Enhance MCS tools • Implement recommendations from cost-recovery report • Implement CDS ($) • Adopt Port State Measures ($) • Implement streamlined Part 2 Annual report • Implement recommendations from the performance review ($) • Expanded CCMM scheme with established and adopted remedial process	• Development effective monitoring mechanisms for CMMs • Implement a CDS • Implement ROP direct data entry mechanisms • ROP enhancement • Expanded CCMM scheme with established and adopted remedial process	• Review effectiveness of all CMMs • Review and refine mechanism for CDS • Enhanced CMS

DRAFT : Proposed TCC Work plan 2012 - 2015

TCC Functions	Statement of Priorities for TCC		2012	2013	2014	2015
Article 14(1)(a)- Provide information, technical advice and recommendations relating to the implementation of, and compliance with, conservation and management measures. *Article 14(2)(d) consider and investigate such other matters as may be referred to it by the Commission, including developing and reviewing measures to provide for the verification and validation of fisheries data;* *Article 14(2)(e) make recommendations to the Commission on technical matters such as fishing vessel and gear markings;* *Article 14(2)(f) in consultation with the Scientific Committee, make recommendations to the Commission on the fishing gear and technology which may be used;*	Required TCC Business Items	• Technical reviews of existing and new CMMs		*Which measures?*	*Which measures?*	*Which measures?*
	Priority project specific tasks	• Capacity Building for developing States in implementation of measures		*Which measures?*	*Which measures?*	*Which measures?*
	Other TCC items					

TCC Functions	Statement of Priorities for TCC		2012	2013	2014	2015
Article 14(1)(b)- Monitor and review compliance with conservation and management measures adopted by the Commission and make such Recommendations to the Commission as may be necessary. *Article 14(2): (a) provide a forum for exchange of information concerning the means by which they are applying the conservation and management measures adopted by the Commission on the high seas and complementary measures in waters under national jurisdiction;* *Article 14(2) (b) receive reports from each member of the Commission relating to measures taken to monitor, investigate and penalize violations of provisions of this Convention and measures adopted pursuant thereto;* *Article 14(2) (g) report to the Commission its findings or conclusions on the extent of compliance with conservation and management measures;*	Required TCC Business Items	Compliance Monitoring Process • Review implementation of and compliance with target species CMMs • Review implementation of and compliance with spatial and temporal area closures, gear restrictions including bycatch mitigation measures • Review compliance with catch and effort reporting, addressing data gaps				
	Priority project specific tasks	• Review implementation of and compliance with non-target species CMMs	Secretariat report	Secretariat report	CMR	??
		• A process to respond to non-compliance or remedial process	*Agree on process for development*	*Develop and finalise*	Implement	
		• Capacity Building for developing States in implementation of measures		*Which measures?*	*Which measures?*	*Which measures?*
		• Online Interface for AR Pt 2 and CMR	*Develop and prepare for online publishing*	*Implement Any refinements??*	Implement	
		• Secretariat integrated MCS Information Management system to enable CCM compliance monitoring and analysis	*Requirements analysis*	*Develop and Implement*	*Develop and Implement*	
		•				
	Other TCC items					

TCC Functions	Statement of Priorities for TCC		2012	2013	2014	2015
Article 14(1)(c) - Review the implementation of cooperative measures for monitoring, control and surveillance, and enforcement adopted by the Commission and make such recommendations as may be necessary. *Article 14(2) (a) provide a forum for exchange of information concerning the means by which they are applying the conservation and management measures adopted by the Commission on the high seas and complementary measures in waters under national jurisdiction;* *Article 14(2) (c) in consultation with the Scientific Committee, recommend to the Commission the priorities and objectives of the regional observer programme, when established, and assess the results of that programme;* *Article 14(2) (h) make recommendations to the Commission on matters relating to monitoring, control, surveillance and enforcement.*	Required TCC Business Items	• WCPFC IUU list • CNM applications • Review exemptions for at-sea transshipment by purse seine vessels • Review Implementation of cooperative MCS measures adopted by WCPFC ○ WCPFC VMS ○ WCPFC ROP ○ Compliance Monitoring Scheme reporting ○ WCPFC RFV ○ High Seas Transshipment Monitoring ○ Eastern High Seas Special Management Area ○ Rules and Procedures for access to and dissemination of WCPFC data ○ Charter Notification Scheme ○ High Seas Boarding and Inspection Scheme ○ Catch Discard Monitoring				
	Priority project specific tasks	• Specific refinements or enhancements to improve the effectiveness and efficiency of the existing MCS measures	Review High Seas Transshipment rules Compile and analyse IUU listing procedures of other RFMOs Finalise application of WCPFC VMS to national waters Develop ALC/MTU audit template	•	•	•
		• Subsidiary bodies to progress specific tasks	• ROP-TAG • VMS-SWG	• ROP-TAG		
		• ROP Support and coordination	IATTC/WCPFC Cross	IATTC/WCPFC cross		

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TCC Functions	Statement of Priorities for TCC		2012	2013	2014	2015
Article 14(1)(c) *Article 14(2) (a);* *Article 14(2) (c)* *Article 14(2) (h) continued…*	Priority project specific tasks		Endorsement training and guideline development	endorsement training Develop Database for ROP coverage monitoring		
		• Port State Measures	??	??		
		• Catch Documentation Scheme	Agree TOR for WG	??		
		• Capacity Building for developing States in MCS measures	CCM VMS training	*Which measures?* CCM VMS training	*Which measures?* CCM VMS training	
		• IMS enhanced to enable improved CCM compliance monitoring and analysis and for implementing WCPFC data requests	*Requirements analysis*	*Develop and Implement* *Establish server for publishing and hosting*	*Develop and Implement*	
	Other TCC Items	• Annual VMS data integrity Audit	*Underway and covers access to WCPFC IMS and RFV*	yes	yes	yes
		• Future options for ROP data management - comprehensive analysis by the Secretariat, including of cost optimization options raised in 2011 Cost Optimisation study		Secretariat, or consultant, to undertake study		

TCC approved 2012 budget, and indicative budget for 2013 and 2014, with proposed indicative budget for 2014 and 2015

	WCPFC8 Approved 2012	WCPFC8 Indicative 2013	Proposed 2013	WCPFC8 Indicative 2014	Proposed Indicative 2014	Proposed Indicative 2015
ROP – audit/remediation	10,000	15,000	15,000	15,000	15,000	15,000
ROP - special projects and research activities	30,000	30,000	30,000	30,000	30,000	30,000
ROP - Training, assistance & development	30,000	30,000	30,000	30,000	30,000	30,000
Regional Observer Progr data entry (SPC) *see Note 3*	334,769	334,769	334,769	334,769	662,627	896,811
ROP –monitoring observer coverage database			10,000			
By-catch mitigation - website	10,000	10,000	10,000	10,000	10,000	10,000
Vessel Monitoring System – capital costs	0	40,000	40,000			40,000
Vessel Monitoring System – operating costs	450,000	465,000	465,000	475,000	475,000	485,000
Vessel Monitoring System – security audit	37,000	39,000	39,000	39,000	39,000	39,000
CCM/Staff VMS Training (Non-FFA Countries)	40,000	75,000	40,000	75,000	75,000	40,000
VMS redundancy provision	18,000	18,000	18,000	18,000	18,000	18,000
Information Management System incl. RFV	50,000	35,000	80,000	35,000	50,000	35,000
AR Part 2 and CMS Online Hosting and Publishing	-	-	18,000		18,000	18,000
Workshops *see Note 4*	45,000	-	25,000	-		
Cost benefit direct entry observer data	0	0		-		
Total, item 2.3	**1,054,769**	**1,091,769**	**1,154,769**	**1,061,769**	**1,422,627**	**1,656,811**

Note # 3 Reg. Obs. Prog. Data entry support (SPC): The line item for data entry costs are offset by donations paid directly to SPC from New Caledonia and New Zealand. The funds from New Zealand will continue through to May 2014. WCPFC8 noted that an increase in the indicative budget will be made in FAC6. WCPFC-TCC8-2012- 16 requested consideration be given to adding the costs of the observer database management staff (observer data manager and data audit officer) to the 2014 and 2015 budget pending clarification of when current funding for these positions will terminate

Note #4: Workshops
(basic rates are projected based on one person for one week at approximately $5,000 including travel)
1. Workshop IATTC and WCPFC for development of Cross Endorsement training guidelines and procedures: 5 persons - Hawaii 5 days $25,000
2. Participation in IATTC/WCPFC workshop for development of a joint management plan for the overlap area 4 persons 5 days $20,000