



**TECHNICAL AND COMPLIANCE COMMITTEE  
NINTH REGULAR SESSION**

26 September – 1 October 2013  
Pohnpei, Federated States of Micronesia

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**REPORT ON PROGRESS – WCPFC IN-HOUSE INFORMATION MANAGEMENT  
SYSTEM DEVELOPMENTS**

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**WCPFC-TCC9-2013-21  
10 September 2013**

**Paper by the WCPFC Secretariat**

1. The WCPFC Information Management System (IMS) is hosted internally within the Secretariat, using Microsoft SharePoint technology and an additional integrated SQL database. A SharePoint Intranet/Extranet Portal <https://intra.wcpfc.int> provides access to both the Secretariat staff and the authorized CCM users. A public access to query the Record of Fishing Vessels (RFV) is also maintained. The principal functions of the IMS at development were for the management of RFV and the support for systematic recording of CMMs and tracking of relevant incoming/outgoing information flows (i.e. correspondence between CCMs and the Secretariat).
2. TCC8 recommended to WCPFC9 that subject to available funds, the Secretariat continue work to develop its internal systems including the further development of an enhanced and integrated WCPFC Information Management System to improve the integration of WCPFC MCS information. Other priorities include delivering to Members an online interface for submitting their annual reports to the Commission on compliance and implementation of measures (Annual Report Part 2), as well as developing an internal online system to assist the Secretariat with generating draft Compliance Monitoring Reports for each CCM.
3. The Secretariat provided FAC6 with a consolidated proposal for nine discrete projects, with preliminary budgetary estimates for a 2013 - 2014 work programme (WCPFC9-2013-FAC6-16). Some notes on progress to date against the stated objectives of the proposal are provided in the Table on the following page, for the information of TCC9.
4. To date good progress has been made on the planned developments in 2013 – 2014 of the proposed new modules for the WCPFC IMS, against the stated objectives for the proposed work. The development of the in-house Compliance Monitoring Scheme reporting system was larger and more complex than originally anticipated, but was given highest priority in the IMS developments. This meant that the work was nonetheless completed in time to allow the Secretariat to successfully meet the 2013 deadlines for delivery of both the Annual Report Part 2 online reporting system and the circulation of preliminary draft Compliance Monitoring Reports to CCMs. In accordance with the proposal approved by WCPFC9, further work is planned in 2014 to continue to improve the capability of the Secretariat to provide integrated MCS reporting and analysis for TCC/WCPFC and other requests.

<b>The stated objectives of the WCPFC9 approved 2013/14 WCPFC IMS enhancement project (WCPFC9-2013-FAC6-16) were:</b>	<b>Notes on progress to date in 2013</b>
<i>i. To deliver to Members an online interface for submitting their annual reports to the Commission on compliance and implementation of measures (Annual Report Part 2), with potential to streamline Members annual reporting in the future;</i>	The online interface for Annual Report Part 2 was delivered for CCMs use on 4 <sup>th</sup> April 2013 (Circular 2013/21). The solution was hosted within the WCPFC Intranet, which uses a Microsoft Sharepoint web application platform. The successful delivery of the online system was as a result of the combined efforts of the WCPFC Secretariat Compliance and IT staff and contractor Taz-E P/L.
<i>ii. To improving the capability of the Secretariat to meet reporting tasks set out in CMMs and other decisions of the Commission, such as high seas pocket monitoring and dissemination of WCPFC non-public domain information;</i>	A new database module developed within IMS SQL database to support both EHSP and HSP1 data was developed in 2013. This is currently in an implementation phase. The module will facilitate the capture and analysis of EHSP reporting.
<i>iii. To enhance the capability of the Secretariat to better respond to Members expectations for accurate and timely information, including supporting Members high seas MCS activities, including through WCPFC data requests;</i>	Ongoing.  A new module is developed in IMS to support Charter notification list and List of Authorised transshipment vessels. This information is made available as as pdf on WCPFC secure side of website.  Data request management module planned for late 2013/ 2014
<i>iv. To improve the capability of the Secretariat to provide integrated MCS reporting and analysis for TCC/WCPFC and other requests;</i>	VTAF and VMS Manual Reporting module was developed in 2013, and is now in production use . The module compiles all VTAF records and VMS manual reporting from CCMs.  Ongoing – proposal for further work in late 2013 and 2014 is being developed
<i>v. To better equip the Secretariat to be able to respond to the requirements of the Compliance Monitoring Scheme, in particular drawing from a greater range of currently available WCPFC MCS information;</i>	Ongoing and continues to develop with incremental approach proposed in IMS.
<i>vi. To create an internal online system to assist the Secretariat with generating draft Compliance Monitoring Reports for each CCM (currently 33);</i>	During July 2013, the Secretariat developed 39 draft CMRs in response to the requirements of CMM 2012-02. The activities involved in completing the CMR process were as follows: <ul style="list-style-type: none"> <li>• Monday 29<sup>th</sup> July: a preliminary draft CMR was provided to each CCM</li> </ul>

<b>The stated objectives of the WCPFC9 approved 2013/14 WCPFC IMS enhancement project (WCPFC9-2013-FAC6-16) were:</b>	<b>Notes on progress to date in 2013</b>
	<p>(online access to the WCPFC intranet system, and a pdf copy provided) (Circular 2013/65);</p> <ul style="list-style-type: none"> <li>• During August: 16 CCMs took up the opportunity and provided responses, and where appropriate additional information, on the preliminary draft CMR prepared by the Secretariat using the online Compliance Monitoring Report system; and</li> </ul> <p>Thursday 5<sup>th</sup> September: a final draft CMR containing a chapter for each CCM, was posted to the secure side of the WCPFC website (Circular 2013/85)</p>
<i>vii. To enhance the current website capability for use by the Secretariat to distribute and disseminate of WCPFC information, particularly non-public domain information, to members; and</i>	Commission website had a major upgrade including new themes and that was launched 15 August 2013. Further improvements ongoing
<i>viii. To continue to provide adequate, robust, secure and redundant the WCPFC's information systems and business applications.</i>	Initial phases of corporate network virtualization completed first half of 2013, enabling improved security, redundancy and flexibility. These capabilities allowed quick and secure implementation of virtual secure network for FSM observer data entered and prepared for SPC. Further improvements ongoing
<i>ix. To assist the Secretariat with improved record keeping of WCPFC data requests;</i>	Planned for 2014
<i>x. To improve content management and the handling of meeting documents on the Commission website, including bulk downloading and updates of all meeting documents at once if selected;</i>	Framework for improved content management delivered as part of new website launched 15 August 2013. Further work on bulk downloading and updates of meeting documents ongoing
<i>xi. To improve and provide granular level security and allow the implementation of security at CCM level, individual level, and/or time limited access for the Commission website; and</i>	Content management includes moderation process and that was delivered as part of new website launched 15 August 2013
<i>xii. To automate and streamline the publishing of documents on the Commission website especially the reporting and outputs from the internal IMS.</i>	Planned for late 2013