



TECHNICAL AND COMPLIANCE COMMITTEE

Twentieth Regular Session

25 September to 1 October 2024

Pohnpei, Federated States of Micronesia (Hybrid)

Executive Director's Annual Report on Technical and Compliance Matters

WCPFC-TCC20-2024-04

30 August 2024

Submitted by the Executive Director

Purpose

1. The purpose of this report to TCC20 is to provide a consolidated update on work undertaken since TCC19 in relation to the Commission's data collection and monitoring programmes, to support TCC20's consideration of future work as outlined in its work plan. In addition, this report overviews the Commission's intersessional activities in 2024 through intersessional working groups (IWGs) and their linkages to TCC, to support TCC's discussions on matters tasked by the Commission to be progressed intersessionally.
2. A similar report by the Executive Director (ED) on an annual basis to the Scientific Committee (SC) that connects intersessional activities, including multi-year projects, to SC's mandate and agenda in the given year is also under consideration.
3. This approach to annual reporting by the ED to TCC20 in 2024 (and potentially to SC21 and TCC21 in 2025) is considered to better differentiate between reporting that is undertaken through the Annual Report of the Executive Director on the Work of the Commission¹, and to contribute more meaningfully to subsidiary body discussions.

Updates since TCC19

4. The [ED's Annual Report to TCC19](#) contained a consolidated overview of the Commission's current monitoring programmes, entitled "Snapshot of the Commission's monitoring tools". The Snapshot included updates to monitoring and data collection tools that occurred since TCC18. The Secretariat intends to make this Snapshot of consolidated information available

¹ Rule 13 of the WCPFC Rules of Procedure: "The Executive Director shall make an annual report, and such supplementary reports as are necessary, to the Commission at its regular session on the work of the Commission. The Executive Director shall communicate the annual report to the members of the Commission, to each territory referred to in article 43 of the Convention and to observers referred to in rule 36 at least forty-five days before the opening of the regular session."

on the WCPFC website as part of its ongoing website improvement project in 2025, to be referenced for a variety of purposes by CCMs and stakeholders.

5. An updated Snapshot since TCC19 is contained in [Attachment 1](#). In addition to making a regularly updated version available on the WCPFC website, the Secretariat intends to present an updated Snapshot annually to TCC to serve as a reference in support of discussions on work planning and future tasks.
6. At the 17th Finance and Administration Committee (FAC17) meeting in 2023, the Secretariat provided [information](#) on its review of the Secretariat's Compliance staff structure. CCMs were notified of changes that would take place beginning in 2024 to realign the Secretariat's human resources to reflect the maturity of many of the Commission's data collection and monitoring programs. The restructure is also undertaken with a view to better supporting the Commission's needs and expectations with respect to managing and utilizing their data to strengthen conservation and management objectives.
7. Staff changes in the Secretariat's compliance team in 2024 include the following:
 - a. Shifting of the ROP Coordinator position held by Karl Staisch to a consultancy entitled "ROP Training and Certification/Audit Consultant", with Karl Staisch retained in the consultancy (March 2024).
 - b. Creation of a Deputy Compliance Manager position and the successful recruitment of Eidre Sharp, former Assistant Compliance Manager, to the role (July 2024).
 - c. Creation of a new position of Fisheries Management and Compliance Adviser, with recruitment underway at time of writing (expected by late September 2024).
 - d. Adjustment of position titles and update of terms of reference for support staff positions to include CCM Support Officer, Data and Support Technician, Vessel Management Officer/s, and Reporting Analyst Officer/s, and Data Entry Reporting Technicians. These positions replace current roles and recognize both the growth in existing support staff as well as the need for greater integration of compliance-related activities (expected in September 2024).
8. Alongside the staff changes, the Secretariat has continued to progress work in 2024 which was introduced at TCC19² to improve the value of routine and ad-hoc analysis and reports derived from data and information held by the Secretariat or its contracted scientific service provider, SPC-OFP. Much of the data and information is reported by WCPFC members in accord with the Convention, and Conservation and Management Measures. More specifically, these improvements aim to enhance and simplify the delivery of analysis and reports which will better support:
 - a. the annual compliance monitoring scheme process,
 - b. the production of required annual reports for the Technical Compliance Committee,
 - c. intersessional working groups, and

² See [TCC19-2023-18](#) *Enhanced data analysis and interpretation: Experiences and Opportunities*

- d. the delivery of more useful and transparent information on the WCPFC website for the public and/or members.
9. In the most recent two and half years, the Secretariat has worked through external consultancies to leverage open-source software tools³ that support the generation and reproduction of annual reports. This work has also included business analysis support with two key areas of focus in 2024:
- a. Automated and reproducible report generation: Dragonfly Data Science with input from WCPFC Consultant Policy/Data Analyst Saggitus Limited, completed the transfer of two (2) reports into an automated production system.⁴ These two reports are now being produced using a fully automated and reproducible process, demonstrating the feasibility of the approach. The streamlined approach to generating these reports is expected to deliver efficiencies in the Secretariat’s generation of required annual reporting. It also supports continuous improvement in the quality of editorial work and leverages recent work to improve data management in the compliance area.
 - b. Routine production and publication of reports for CCMs, including through dashboards: The Secretariat has also progressed work through the support of external consultants which explores strategic solutions that will better support the current and future information management needs of the Commission. This work is undertaken with the goal of assisting CCMs in realizing added value from the data required by the Commission to support conservation and management objectives. Building on the guidance from members at TCC19, the solutions would be targeted to specific WCPFC functions and processes and take the form of an online dashboard to facilitate and support members’ capacity on a range of issues, including reporting and implementation of WCPFC obligations, vessel management, and the expedient resolution of any issues that may arise.⁵

Intersessional activities relevant to the Technical and Compliance Committee

10. This section gives an overview of 2024 intersessional work relevant to TCC20’s deliberations, primarily through the Commission’s intersessional working groups. This overview supports the linking of TCC’s discussions with ongoing intersessional activities that will be reported to the Commission at WCPFC21, with a view to supporting continuity and efficient decision-making.

Transshipment Intersessional Working Group (TS-IWG)

11. The [TS-IWG](#) last met during WCPFC20 to review the revised draft CMM 2009-06, led by TS-IWG co-Chairs Alex Kahl (United States) and Felix Ngwango (Vanuatu). Since the TW-IWG

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⁴ TCC20 Annual Report on Commission VMS ([RP01](#)) and TCC20 Annual Report on the High Seas Boarding and Inspection Scheme ([RP04](#)).

⁵ These issues can relate to VMS reporting, reporting gaps, data gaps, CCM understanding of their fleet activity over time and in the present, as well as identifying any anomalies.

was unable to reach agreement during that time, the Commission adopted the following outcomes⁶:

- WCPFC20 noted the TS-IWG did not conclude its work and requested the TS-IWG meet in-person/hybrid for at least a one-day workshop immediately before TCC20 to continue its review of the measure. The workshop will evaluate the un-agreed provisions of WCPFC20-2023-TS-IWG01Rev2 and invite additional proposals from CCMs for text revisions to CMM 2009-06.
 - WCPFC20 requested that after the TS-IWG meets in September 2024, the TS-IWG shall provide recommendations for further revisions to the transshipment CMM to WCPFC21.
12. The latest version of the draft CMM 2009-06 on Transshipment is found [here](#). Key issues under discussion relate to reporting requirements, exemptions, and monitoring activities. Compliance assessment against obligations in this CMM have generally been straightforward, with implementation of some provisions being flagged for targeted assistance and capacity building by some CCMs.
 13. TCC began reviewing implementation of CMM 2009-06 at its 8th Regular Session in 2012, the third year of the CMM's implementation. The guidelines called for in paragraph 37 of the CMM to determine circumstances where transshipment in port or in waters under national jurisdiction is impracticable, have to date not been possible to reach agreement by TCC.⁷
 14. TCC20 is tasked with making progress on the need to further enhance and improve WCPFC's transshipment regulations, supported by the work of the TS-IWG. Information collected through transshipment activities, including by WCPFC observers through the Commission's Regional Observer Programme (ROP), remain critical to supporting scientific research and analysis. The TS-IWG will meet 8.30am to 11.30am on the day before the start of TCC20. In addition TCC will review an Annual Report on the Transshipment Reporting ([TCC20 Required Report 3](#)) and a working paper that provides an update on progress to establish transshipment activity, observer report and carrier vessel data exchange agreements with other RFMOs ([TCC working paper 23](#)).

Regional Observer Program Intersessional Working Group (IWG-ROP)

15. The [IWG-ROP](#) was first established by the Commission in 2006, and then reactivated by the Commission in 2021 to support its discussions around ensuring that the ROP continues to optimize its contribution to the Commission's independent monitoring and verification activities. The key tasks for the IWG-ROP as reflected in its 2023-2025 Workplan are related to further refinement of ROP data collection requirements and processes, review of observer coverage levels with a view to increasing coverage where required, recommending ROP standards, and considering the incorporation of emerging technologies to enhance observer activities.

⁶ Paragraphs 597-598 of WCPFC20 Summary Record_Rev01.

⁷ See TCC9 paper: [WCPFC-TCC9-2013-17](#) and TCC12 paper: [WCPFC-TCC12-2016-15_rev2](#) and the corresponding meeting reports for more background information.

16. In 2024, the IWG-ROP focused on two priority tasks: (1) observer data fields for species of special interest, and (2) removal of redundant ROP data fields. IWG-ROP participants worked electronically through 2024 under the leadership of the IWG-ROP Chair, Mr. Harold Vilia (Solomon Islands). Updates on the most recent IWG-ROP activities are contained in TCC20 paper [WCPFC-TCC20-2024-19](#), to be considered under Agenda Item 9.1. In addition, TCC20 will review an Annual Report of the WCPFC ROP, contained in [WCPFC-TCC20-2024-RP02](#) and a working paper that considers the use of ROP data in the CMS, contained in [WCPFC-TCC20-2024-09](#).
17. SC20 received an update on the IWG-ROP activities and also considered an ROP matter relating specifically to data collection on elasmobranchs under SC Project 109. See SC20 paper [WCPFC-SC20-2024/ST-IP-06](#) for a Project update.

Crew Labour Standards Intersessional Working Group

18. At WCPFC20, the Commission further reviewed a draft CMM on Crew Labour Standards and although it was not able to adopt a CMM at that session, CCMs committed to continuing its intersessional work in 2024 with a view to adopting a CMM at WCPFC21. The [2024 Labour Standards IWG](#) has continued its work in 2024 under the leadership of Heather Ward (New Zealand) and Putuh Suadela (Indonesia), who co-led two virtual workshops (held 21 May and 19 June, respectively). The IWG is also scheduled to meet during TCC20. The latest draft CMM and related workshop papers, including IWG comments, are found on the relevant 2024 Labour Standards workshop webpages, [here](#) and [here](#).
19. Protecting the people who work in the tuna fisheries sector remains a top priority for the Commission. Following the Commission's anticipated adoption of crew labour standards at WCPFC21, the TCC will take on the role of assessing compliance by CCMs with the obligations established by the CMM, through the Commission's Compliance Monitoring Scheme (CMS).

Electronic Reporting & Electronic Monitoring Working Group (ER&EM WG)

20. WCPFC20 received an update on the [work of the ER&EM WG](#) from Chair Shelton Harley (New Zealand), and agreed to adopt a schedule of work for 2024⁸ that would lead to the Commission adopting a set of interim EM standards at WCPFC21. Further communications relating to the IWG's work in 2024 have been progressed through email by the IWG Chair and notified CCM participants (<https://www.wcpfc.int/ERandEM-IWG>). A virtual [ERandEM Workshop](#) was held on 31 May 2024 and resulted in an updated draft of [proposed interim EM Standards and further discussion on objectives, data needs and an assurance programme](#), which was also presented to SC20.
21. TCC20 will further consider the proposed draft interim EM Standards under Agenda Item 9.2, in addition to holding a 2.5-hour informal session on Tuesday, 24 September prior to the start of TCC20.

⁸ See Attachment 5 for the ERandEM Proposed Schedule of Work in the [WCPFC20 Summary Report Rev01](#).

22. Electronic monitoring remains an important tool for supporting verification of compliance with certain obligations. Emerging technologies over the last several years has contributed to the viability of EM to complement the Commission's existing monitoring and data collection programmes. Development of national EM programmes in some CCMs will also support the Commission's efforts to design and develop an EM programme that is suitable for the WCPFC.

South Pacific Albacore Roadmap Intersessional Working Group (SPA-RM IWG)

23. The SPA-RM IWG convened during WCPFC20 as a small working group (SWG)⁹ and considered the following matters:
- a. The SPA iTRP proposal by the South Pacific Group (SPG) and Australia.
 - b. The convening of a Science Management Dialogue (SMD02) in 2024
 - c. Joint management considerations with IATTC
24. The Commission at WCPFC20 adopted a revised iTRP defined as 4% below the estimated average spawning potential depletion of the stock over the period 2017-2019 ($0.96 SB_{2017-2019}/SB_{F=0}$). SC20 considered this outcome and has recommended that the Commission note that the biomass depletion associated with the adopted interim TRP has been re-estimated to be 50% according to the 2024 SPA stock assessment outcomes. This biomass depletion when the interim TRP was adopted by WCPFC20 was previously estimated at 47% based on the 2021 SPA stock assessment.
25. The 2nd Science-Management Dialogue (SMD02) will focus on SP albacore and further consider the development of harvest strategies, in line with the Commission's [Harvest Strategy Workplan](#).
26. A [virtual meeting](#) of the SPA-RM IWG is planned for 11 October 2024 and is expected to cover issues of allocation and the development of a new CMM for SP Albacore that includes the whole range of the South Pacific albacore stocks and all fisheries targeting albacore. The SPA-RM IWG is also expected to continue its discussions on the development of management procedures. An information paper that reviews CMM 2015-02 and summarises reporting to WCPFC is provided as [TCC20-2024-IP06](#).

FAD Management Options Intersessional Working Group (FAD-MO IWG)

27. The [FAD-MO IWG](#) has been working electronically throughout 2024 under the leadership of Jamel James (Federated States of Micronesia) and is expected to meet in person in 2025. The IWG's work is contributing to the Commission's management of key tuna species, including to further support the FAD-related measures in the tropical tuna measure.
28. The [FAD-MO IWG's 2024-2026 workplan](#) placed priority on the following tasks for 2024:
- a. Satellite Buoy Data Transmission Requirements

⁹ See Attachment 18 for the SP Albacore SWG Outcomes in the [WCPFC20 Summary Report Rev01](#).

- b. FAD Recovery Programs/Strategies
- c. FAD Logbook for vessel operators
- d. Biodegradable FADs and dFAD Deployment

SC20 received an update on the work of the FAD-MO IWG and suggested that the IWG prioritize its work on satellite buoy data transmission, development of a FAD logbook for vessel operators, and FAD recovery strategies.

29. At the request of SC20, TCC20 will review the needs for FAD data fields that support WCPFC's work relating to science, management, and monitoring. TCC20 will also develop recommendations to the Commission on the service and deployment of FADs by certain fishing vessels, which was requested by the Commission at WCPFC20.

Incorporating climate change in fisheries management discussions – intersessional work

30. Since adopting a [Resolution](#) in 2019 and agreeing in 2022 to incorporate climate change impacts into fisheries management decisions, the Commission has been working to identify and articulate the appropriate actions required to deliver on its commitments. At WCPFC20, the Commission appointed two co-leads, Berry Muller (Republic of the Marshall Islands) and Kelly Kryc (United States) to lead the intersessional development in 2024 of a Commission Workplan to further identify the actions required by the Northern Committee (NC), SC, TCC, and the Commission to adequately account for climate change in WCPFC's mandate.
31. Accompanying the work of the co-leads throughout the 2024 meeting cycle is a paper by the Secretariat in response to the Commission's request to review the scope and feasibility of carrying out a climate vulnerability assessment on WCPFC CMMs. The co-leads and the Secretariat have jointly presented information to NC20, SC20, and will deliver the same presentations to TCC20 for input into the Commission's climate change workplan.

Special Requirements Fund Intersessional Working Group (SRF-IWG)

32. The work undertaken through the SRF-IWG relates to the Commission's implementation of principles set out in Article 30 of the WCPF Convention. As TCC20 considers the Commission's implementation of and compliance with CMM 2013-06 in 2024, it is important to connect its consideration to the Commission's administration of its Special Requirements Fund. The SRF is an important component of the Commission's Strategic Investment Plan (SIP) which further connects the capacity needs identified by SIDS and territory CCMs (partially through the Compliance Monitoring Scheme) to avenues for support, including funding assistance.
33. As a new standing agenda item for TCC, reviewing the Commission's implementation of and compliance with CMM 2013-06 will require clear parameters, where available, and active participation by all CCMs in the articulation of how to measure compliance with the obligations of CMM 2013-06. TCC20 will review a [paper](#) from the Secretariat that supports the Commission's tasking to TCC to carry out a compliance assessment of CMM 2013-06 for the previous year. The paper refers to the SIP and activities identified by SIDS and territories

as requiring capacity assistance, as a pragmatic source to be used in the assessment of implementation of CMM 2013-06 obligations.

34. Under the leadership of the FAC co-Chairs, David Power (Australia) and Putuh Suadela (Indonesia), intersessional discussions are being progressed electronically with interested CCM officials “...to consider options, including potential revisions to the Financial Regulations and the Principles, guidelines and operational procedures for the Commission’s Special Requirements Fund, and to conduct further work to support the proposed implementation of a sustainable funding mechanism for the SRF...”¹⁰ The SRF-IWG will report the outcomes of its intersessional discussions to FAC18 and WCPFC21.

2024 Scientific Projects

35. The list of WCPFC science projects underway in 2024 are shown in the below table, for TCC20’s awareness and information.

Project No.	Project Name
35b	Maintenance of the WCPFC Pacific Marine Specimen Bank
42	Pacific Tuna Tagging Program
60 (completed)	Purse seine species composition
90	Fish weights/lengths for scientific analysis
100c	Application of CKMR
108	Silky shark stock assessment in the WCPO
109	Training observers for elasmobranch biological sampling
110	Non-entangling and biodegradable FADs
113b	Develop Stock Status and Management Advice Template
114	Improved coverage of cannery receipt data
115	Recruitment of skipjack tuna in the equatorial pacific
116	Estimating shark impacts between 20 N & S - USA funded and responsibility
117	Tuna biological sampling
118	Billfish biological sampling
119	Additional work on trialing and supporting development of non-entangling and biodegradable FADs
120	Updated reproductive biology of tropical tunas
121	Climate Change Workshop
122	Scoping study on longline effort creep in the WCPO
123	Scoping the next generation of tuna stock assessment software
124	Oceanic whitetip shark stock assessment in WCPO

Conclusions

36. The information provided in the above sections reflects a substantial body of work that the Commission is undertaking in the intersessional period between its regular annual sessions. The roles of the two WCPFC subsidiary bodies (SC and TCC) have shifted over time to

¹⁰ See paragraph 841 of the [WCPFC20 Summary Report Rev01](#).

accommodate¹¹ the increase in ongoing work that the Commission is continuing year-round, in addition to the annual core business and other taskings from the Commission. The NC is also seeing an expansion in its work relating to the northern stocks under its management purview, with ongoing discussions on the development of a catch document scheme and more recently, the consideration of MCS measures targeting the Pacific bluefin tuna fishery.

37. In addition to the IWG meetings scheduled to take place immediately prior to TCC20, the TCC20 Provisional Agenda accommodates the work of several IWGs that are addressing issues relevant to the TCC mandate. Connecting TCC's discussions with the work undertaken through IWGs, as well as the mandate of the SC, is essential to supporting informed and efficient decision making by the Commission at WCPFC21, as well as in future years.
38. This report is presented to TCC20 as a framework within which to consider its agenda in relation to relevant work taking place in other WCPFC forums. As the requirements of WCPFC continue to grow, partly influenced by the increasing global demands for strengthened ocean and marine resource conservation, TCC will be required to adapt and realign itself to shifting Commission expectations. Collectively, TCC's outcomes and those of the NC, SC, and IWGs, form the basis for WCPFC's conservation and management decisions that have to date, contributed to biologically sustainable tuna stocks in the western and central Pacific Ocean.

¹¹ For example, in the additional days added to TCC to carry out the compliance review, as well as agenda restructuring undertaken by both SC and TCC in recent years.

2024 Snapshot of Commission Monitoring Tools

System/Tool	Brief Description/Purpose	References	2024 Updates
Compliance Monitoring Scheme (CMS)	<p>To ensure that Members, Cooperating Non-Members and Participating Territories (CCMs) implement and comply with obligations arising under the Convention and conservation and management measures (CMMs) adopted by the Commission.</p> <p>The purpose of the CMS is also to assess flag CCM action in relation to alleged violations by its vessels, not to assess compliance by individual vessels.</p>	<ol style="list-style-type: none"> 1. CMM 2023-04 2. WCPFC reporting deadlines 3. Compliance Case File System 4. Monitoring and Evaluation incorporating CMM Webpage, including Audit Points, CCM Limits and Risk Based Assessment Framework 5. CMS Audit Points Checklist 6. CMS Intersessional Working Group (IWG) Activities 7. Annual Report Part 1 Template 8. Annual Report Part 2 Online Support 9. Capacity Development Plan 10. Final Compliance Monitoring Reports, adopted by the Commission 	<p>CMM Webpage enhanced to become Monitoring and Evaluation incorporating CMM page. This adds an Annual Report Part 2 reporting interface. Continual enhancements released to improve ease-of-use for CCMs e.g. CCM Reporting Dashboard, Links to other WCPFC online systems, and noting where audit point is N/A.</p> <p>Update on task in CMM 2023-04 para 15(b) for the Secretariat to develop a scheme for randomly sampling observer-related cases from the online compliance case file system for the purse seine fishery on a trip basis provided in TCC20 Working Paper 9</p> <p>Update of TCC19 paper on Available Data for Verifying Compliance in TCC in TCC20 Working Paper 25</p> <p>TCC20 Working Paper 11 considers the list of obligations</p>

System/Tool	Brief Description/Purpose	References	2024 Updates
			<p>and to identify the focus for compliance reviews in 2025. Paper 11 also provides an update on task from WCPFC20 to apply a trial streamlining approach which is intended to support tracking progress by CCMs to resolve their implementation gaps from previous year/s.</p> <p>Update on task from WCPFC20 to update and maintain the Annual Reporting Guidance and provide additional support aids in TCC20 Working paper 27</p> <p>Commence work to develop an online facility for CMR</p>

System/Tool	Brief Description/Purpose	References	2024 Updates
Pacific Vessel Monitoring System (VMS)	Cost-effectively monitor the activities of fishing vessels authorized by flag States to fish for highly migratory fish species in the Convention Area in areas beyond jurisdiction of the Flag State.	<ol style="list-style-type: none"> 1. CMM 2014-02 2. Statement Describing Purpose and Principles of WCPFC VMS 3. VMS Reporting Requirements Guidelines 4. VMS Reporting Status Tool 5. VMS Standards, Specifications, and Procedures 6. FFA VMS Requirements 7. MTU/ALC Type-Approval List 8. VMS Standard Operating Procedures 9. https://trackwell.wcpfc.int/ 10. VMS webpage: https://www.wcpfc.int/vessel-monitoring-system 11. Vessels Webpage <ul style="list-style-type: none"> • Vessel MTU Management • MTU Audit Inspection Reporting System 	<p>Prototype Analytical Tool developed in 2023, continued to be used to support Secretariat verification and monitoring of VMS Reporting and other reporting e.g. transshipments</p> <p>Mailbox facility for CCM VMS Manual position report submissions</p> <p>WCPFC single-sign-on applied to all WCPFC VMS systems, including WCPFC Trackwell VMS</p> <p>Annual Report to TCC produced using a fully automated and reproducible process (TCC20 Required Report 1)</p> <p>Routine update of VMS SOPs to reflect continual improvements made to relevant WCPFC online systems and WCPFC20 decisions provided in TCC20 Working Paper 22</p> <p>Continual enhancements for ease of use for monitoring of annual reporting of audit inspection reports</p>

System/Tool	Brief Description/Purpose	References	2024 Updates
High Seas Boarding and Inspection (HSBI)	<p>Boarding and inspection and related activities conducted pursuant to procedures adopted in the CMM, for the purpose of ensuring compliance with the provisions of the Convention and conservation and management measures adopted by the Commission and in force; applicable only on the high seas within the Convention Area.</p>	<ol style="list-style-type: none"> 1. CMM 2006-08 2. HSBI Summary Statistics 3. Register of Inspection Vessels 4. Authorities of the Inspection Vessel 5. Authorities of the Fishing Vessel <p>HSBI webpage: https://www.wcpfc.int/high-seas-boarding-inspection</p>	<p>Annual Report produced using a fully automated and reproducible process (TCC20 Required Report 4)</p> <p>Commence work to develop an online facility to support HSBI related documentation and notifications as well as the Register of Authorised Inspection Vessels</p> <p>Continual enhancements released to HSBI compliance case files e.g. to reflect all interested parties to alleged infringements and to streamline Secretariat reviews</p>
Transshipment Regulation Scheme	<p>Management of all transshipment in the Convention Area of all highly migratory fish stocks covered by the Convention.</p> <p>Does not apply to transshipment of highly migratory fish stocks where fish is taken and transhipped wholly in archipelagic waters or territorial seas.</p>	<ol style="list-style-type: none"> 1. CMM 2009-06 2. E-Reporting Standards for High Seas Transshipment Declarations and Notices and Additional Information 3. Transshipment E-Reporting Standards, Specifications, and Procedures 4. High Seas Transshipment Reporting APP (TSER-APP) 5. Transshipment Intersessional Working Group (IWG) 6. Minimum Data Fields for Observer Transshipment Monitoring - 2023 	<p>Continued Implementation of Minimum Data Fields for Observer Transshipment Monitoring</p> <p>Further development of Prototype of Analytical Tools developed in 2023 continuing to further support Secretariat verification and monitoring of transshipment activities that include assist in addressing analytical and data limitations</p>

System/Tool	Brief Description/Purpose	References	2024 Updates
	<p>Transshipment in a port or in waters under the national jurisdiction of a CCM shall take place in accordance with applicable national law.</p>	<p>Transshipment Regulation Scheme webpage: https://www.wcpfc.int/transshipment-regulation</p>	<p>reported to TCC20 (TCC20 Working Paper 25)</p> <p>Further refine streamlined and enhanced Transshipment Annual Report to TCC (TCC20 Required Report 3)</p> <p>TCC20 Working Paper 23 provides an update on task to Secretariat from WCPFC20 to progress work to establish transshipment activity, observer reports, and carrier vessel data exchange arrangements with the following RFMOs: IATTC, IOTC, CCSBT, SPRFMO and NPFC (WCPFC20 Summary Report, paragraph 597)</p> <p>TCC20 is tasked with making progress on the need to further enhance and improve WCPFC’s transshipment regulations, supported by the work of the TS-IWG. Update from TS-IWG Co-chairs in TCC20 Working Paper 21</p>
Port State Minimum (PSM) Standards	To establish processes and procedures for CCMs to request that port inspections be undertaken on fishing vessels suspected of	1. CMM 2017-02	Further refine streamlined and enhanced Annual Report to TCC (TCC20 Required Report 7)

System/Tool	Brief Description/Purpose	References	2024 Updates
	engaging in IUU fishing or fishing related activities in support of IUU fishing.	PSM webpage: https://www.wcpfc.int/wcpfc-port-state-minimum-standards	Commence work to develop an online facility to support Port State related documentation and notifications Receiving FAO port State inspection notifications from the Global Information Exchange System (GIES) and CCMs
Data Access Rules and Procedures	Rules and procedures to govern protection, access to, and dissemination of data for various purposes.	<ol style="list-style-type: none"> 1. 2007 Rules and Procedures for the Protection, Access to, and Dissemination of Data Compiled by the Commission 2. 2009 Rules and Procedures for the Protection, Access to, and Dissemination of High Seas Non-Public Domain Data and Information Compiled by the Commission for the Purpose of Monitoring, Control or Surveillance (MCS) Activities and the Access to and Dissemination of High Seas VMS Data for Scientific Purpose. 3. Report on the Administration of Data Rules (TCC20 Required Report 8) <p>Data Access Rule webpage: https://www.wcpfc.int/administration-</p>	Commence work to develop an online facility to support Data Access Requests SC20 agreed to an amendment to the SC Project Proposal template to include notes on necessary WCPFC data access. Update on the status of the WCPFC’s Information and Network Security Framework and provide advice and recommendations related to relevant workplan and resourcing requirements to facilitate the work of the Secretariat in TCC20 Working Paper 31

System/Tool	Brief Description/Purpose	References	2024 Updates
		wcpfc-data-access-rules-and-procedures	
Regional Observer Programme (ROP)	To collect verified catch data, other scientific data, and additional information related to the fishery from the Convention Area and to monitor the implementation of the Conservation and Management Measures adopted by the Commission.	<ol style="list-style-type: none"> 1. CMM 2018-05 2. CMM 2017-03 (Observer Safety) 3. Guidelines for ROP 4. List of WCPFC Authorised National and Subregional Observer Programmes for the ROP 5. Contact details for National and Subregional Observer Programme Coordinators 6. WCPFC ROP Vessel Safety Check Form 7. WCPFC Regional Observer Programme Standards & ROP Guidelines updated 2023 8. Table of ROP minimum standard data fields 2016 9. Minimum Data Fields for Observer Transshipment Monitoring - 2023 10. Intersessional Working Group on ROP (IWG-ROP) 11. Guideline Form FC1 - Fish Carrier General Description 12. Guideline Form FC2 - Observer At Sea Transshipment Report 13. Guideline Form FC3 - Catch Destination Form 14. Observer Guide to WCPFC CMMs - Booklet 2024 	<p>Reactivation of IWG-ROP and IWG-ROP Workplan 2023 - 2025.</p> <p>In 2024, the IWG-ROP focused on two priority tasks: (1) observer data fields for species of special interest, and (2) removal of redundant ROP data fields. SC20 received an update and the same will be provided to TCC20 (TCC20 Working Paper 19)</p> <p>TCC20 Working Paper 15 is a discussion paper to support future reviews of the requirements for increased observer coverage in longline fisheries as set out in CMM 2023-01 Attachment 1, Table 3</p> <p>TCC20 Working paper 9 considers the use of ROP data in the CMS and was further refined in 2024</p>

System/Tool	Brief Description/Purpose	References	2024 Updates
		<p>15. Annual Report to TCC (TCC20 Required Report 2)</p> <p>ROP webpage: https://www.wcpfc.int/regional-observer-programme</p>	
Electronic Monitoring	<p>As a starting point for EM in the WCPFC, there has been clear direction from the Commission and its subsidiary bodies that increased data collection, monitoring and verification is required for longline fishing, in particular longline fishing that occurs on the high seas. Further, that any use of EM would be in addition to current observer requirements</p>	<p>ERandEM IWG webpage: https://www.wcpfc.int/ERandEM-IWG</p>	<p>ERandEM IWG is progressing work to develop WCPFC EM Program (Interim standards and approach), by supporting the Commission in adopting a set of interim EM standards at WCPFC21 in December 2024. Update from ERandEM IWG Chair is in TCC Working Paper 20</p>
Record of Fishing Vessels (RFV)	<p>Combined list of all the details that each Member and Cooperating Non-Member has provided to the WCPFC Secretariat of its vessels that are authorized to fish beyond its national jurisdiction within the Convention Area.</p>	<ol style="list-style-type: none"> 1. CMM 2018-06 2. CMM 2022-05 (Standards, Specifications, and Procedures) 3. CMM 2013-04 (Unique Vessel Identifier) 4. CMM 2004-03 (Marking and Identification of Fishing Vessels) 5. CMM 2021-04 (Charter Notification Scheme) 6. Vessels online system <ul style="list-style-type: none"> • RFV Database • Fished and Did Not Fish Reporting System 	<p>Prototype of an Analytical Tool developed in 2023 continued to be used to support Secretariat verification and monitoring of Charter Notifications.</p> <p>Continual enhancements released to improve ease-of-use of Vessels online system for CCMs e.g. Key vessel data gaps, inclusion of Fished and</p>

System/Tool	Brief Description/Purpose	References	2024 Updates
		<ul style="list-style-type: none"> Charter Notification Reporting System RFV mobile App 7. Streamlined and enhanced RFV Annual Report to TCC (TCC20 Required Report 5)	Did not fish report in CCM Reporting Dashboard Commence work to enhance ease of use for CCMs of Vessels system with their charter notification management.
Illegal, Unregulated, and Unreported (IUU) List	List of vessels which have engaged in fishing activities for species covered by the Convention within the Convention Area in a manner which has undermined the effectiveness of the WCPF Convention and the WCPFC measures in force.	1. CMM 2019-07 2. WCPFC IUU Vessel List for 2024 and links to access other IUU Lists	
Other Reporting Obligations	Required reporting through CMMs or other Commission decisions	1. Cooperating Non-Member Request Template 2. Special Management Areas <ol style="list-style-type: none"> CMM 2016-02 Eastern High Seas Special Management Area CMM 2023-01 Attachment 2 Measure for Philippine traditional fresh/ice chilled fishing vessels operating as a group in High Seas Pocket 1 Notifications related to choice of measures in Overlap Area with IATTC 3. Electronic Reporting Standards	Commence work develop an online facility to support Cooperating Non-Member Requests Prototype of an Analytical Tool developed in 2023 continued to be used to support Secretariat verification and monitoring of Eastern High Seas Pocket Special Management Area Prototype of an Analytical Tool developed in 2023 further developed by the Secretariat for use in verification and

System/Tool	Brief Description/Purpose	References	2024 Updates
		<ul style="list-style-type: none"> i. Intersessional Working Group on E-reporting and E-monitoring (ERandEM IWG) ii. ER Standards for observer data and logbooks iii. ER Standards for high seas transshipment iv. Annual Report to TCC on performance of E-reporting standards (TCC20 Required Report 10) <p>4. FAD Management and Monitoring</p> <ul style="list-style-type: none"> i. FAD Management Options Intersessional Working Group (FAD-MO-IWG) ii. CMM 2023-01 paragraphs 13 - 23 has FAD Management Measures applying to tropical purse seine fisheries, reporting requirements and future work 	<p>monitoring of High Seas Pocket Special Management Area</p> <p>Streamlined and enhanced EHSP Annual Report to TCC (TCC20 Required Report 6) developed in 2023 further refined</p> <p>The FAD-MO IWG's 2024-2026 workplan placed priority on the following tasks for 2024:</p> <ul style="list-style-type: none"> • Satellite Buoy Data Transmission Requirements • FAD Recovery Programs/Strategies • FAD Logbook for vessel operators • Biodegradable FADs and dFAD Deployment <p>SC20 received an update on the work of the FAD-MO IWG and suggested that the IWG prioritize its work on satellite buoy data transmission, development of a FAD logbook for vessel operators, and FAD recovery strategies. Update from FAD-MO-IWG Chair is in TCC Working Paper 16</p>
