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Продовольственная и
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Naciones Unidas para la
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منظمة
الأغذية والزراعة
للأمم المتحدة

COORDINATING WORKING PARTY ON FISHERY STATISTICS

Intersessional Meetings of Aquaculture and Fisheries Subject Groups - Joint Session

Seventh Meeting of the Aquaculture Subject Group (AS) and Twenty-eighth meeting of the Fisheries Subject (FS)

2 – 5 November 2021

SPC and WCPFC activities report to CWP

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Summary of recent activities by the WCPFC and SPC relevant to CWP

The Western and Central Pacific Fisheries Commission (WCPFC) was established in 2004 through the Convention for the Conservation and Management of Highly Migratory Fish Stocks in the Western and Central Pacific Ocean (WCPO). The WCPFC has twenty-six (26) members, seven (7) participating territories and nine (9) cooperating non-members involved in the management of key oceanic tuna, billfish and shark and other associated species in fisheries taking 55-60% of the global tuna catch.

The Pacific Community (SPC) is the contracted WCPFC science service provider which includes the role of scientific data manager.

In the past two years, the WCPFC and SPC has been involved in the following activities related to the CWP which include:

- The enhancement of the **WCPFC Public Domain Data** products, which are relevant to FAO FIRMS GLOBAL ATLAS. These WCPFC public domain data products have been updated to adhere to the latest FAO CWP standards. There are now five (5) public domain data products of different temporal and spatial resolution, which are available at <https://www.wcpfc.int/public-domain>
- The enhancement of **WCPFC Public domain Bycatch Data and estimates**, which provide summary bycatch data by year and 5°x5° spatial grids for the longline and purse seine fisheries based on observer data. These data are available at <https://www.wcpfc.int/public-domain-bycatch> and <https://www.wcpfc.int/bycatch-estimates>.
- WCPFC members will decide on a proposal to publish **WCPFC Public domain Size frequency data** to 18th WCPFC Regular Session in December 2021.
- WCPFC members will also decide on a proposal for the **voluntary submission of cannery/processor data** which are used to validate purse seine tuna species catch estimates

determined from observer data. These data will have a confidentiality category status as high risk.

- The generation of **WCPFC Annual Catch and Effort Estimates (ACE) Tables** by gear and fleet (<https://www.wcpfc.int/ace-by-fleet>) in response to a request from WCPFC members to streamline their reporting obligations.

The WCPFC in conjunction with their members, SPC and other regional agencies (Pacific Islands Forum Fisheries [FFA] and the Office of the Parties to the Nauru Agreement [PNAO]) continue to progress work in trialling and implementing E-Reporting (ER) and E-Monitoring (EM) in the WCPO tuna fisheries. In the past two years, activities in these areas include:

- Adoption of an EM Longline Policy within the FFA membership
- Work started to establish draft EM Longline Standards, Specification and Procedures (SSPs) within the FFA membership
- Development of draft EM longline minimum data fields within the SPC/FFA/PNAO membership (under their sub-regional Data Collection Committee)
- Development of early draft EM longline transshipment minimum data fields for trials in monitoring at sea transshipment of the longline catch.

SPC, PNAO and FFA continue to progress the development of ER tools to acquire, consolidate and integrate data from their members tuna fisheries, in particular:

- E-Reporting tools for vessel reporting (for example, the PNAO iFIMS eLog for purse seine fishery and SPC OnBoard system for South Pacific Longline Fishery)
- E-Reporting tools for observers (for example, the PNAO iFIMS eObs for purse seine fishery and SPC OLLO system for South Pacific Longline Fishery)

SPC supports, and continues to progress the development of ER tools (and associated cloud-based database systems) to acquire data from artisanal and coastal fisheries of their members, including:

- The TAILS mobile app which is used to acquire artisanal, small-scale landings data
- The Ikasavea mobile app system which is used for market surveys conducted by fisheries surveyors

The WCPFC Secretariat supports an E-Reporting API to receive high seas transshipment notifications. A lightweight app (TSER) has been developed to allow vessel masters, company managers and staff of national fisheries management agencies to submit high seas transshipment notifications and declarations to the WCPFC Secretariat.

Work planned for 2021/22 includes the development of an e-reporting API to support data exchange of the Record of Fishing Vessels (RFV) data between the WCPFC Members, the WCPFC Secretariat and regional agencies (SPC, PNAO and FFA). An optional FLUX gateway is being considered as part of this work.