

Third Indonesian (WCPFC Area) Annual Catch Estimates Workshop

23-25 July 2012

DGCF Meeting Room, Jakarta, Indonesia

Main Outcomes

1. Annual tuna catch estimates by Gear and Species were produced for the following criteria:
 - a. Fisheries Management Areas 716 and 717 (Indonesia EEZ – WCPFC Statistical Area)
 - b. Fisheries Management Areas 713, 714 and 715 (Indonesian Archipelagic waters – WCPFC Statistical Area). The other FMAs in the WCPFC Statistics Area do not have oceanic tuna catches (too shallow).
 - c. Years covered 2005-2011
 - d. Detailed notes on how the estimates were determined are available in the tables of estimates.
2. The provision of catches in the archipelagic waters of the WCPFC Statistical Area for the first time is a major step in satisfying the obligations for the provision of scientific data to the WCPFC.
3. Tuna catches by GEAR and SPECIES were compiled by DGCF from information provided by the provincial offices for the first time and used in the estimation process (but for 2011 only). While there is still some progress to be made, this is a significant step. The implementation of the template for the provision of tuna catch estimates by SPECIES and GEAR in the past year was deemed successful by the workshop.
4. P4KSI continue to provide an important role in the catch estimation process with the collection and compilation of tuna species composition data by GEAR.
5. The TUFMAN system was demonstrated with historical Indonesian longline logbook data. DGCF have yet to make a formal decision to implement TUFMAN in their offices but have used their IT service provider to develop a web-based logbook data entry system which will be used by provincial offices in 22 ports to entry logbook data in the future. The new DGCF logbook system is rudimentary at this stage, without a reporting system and they are dealing with some data quality issues. There was agreement that the new DGCF system should continue to be developed and used instead of considering the installation of the TUFMAN system. WCPFC/SPC would contribute where possible by providing advice on how to resolve data quality issues and provide specifications of the reports that they should build into the system (i.e. some of the existing TUFMAN reports used by other countries).

Recommendations

1. Future workshops should consider improvements in the estimation of annual catches in the following areas:
 - a. Enhance and expand the collection of catch estimates in Provinces in WCPFC Statistical Area to be by GEAR and SPECIES, as per the provision of data in 2011;

- b. Process the logbook data for Longline, Purse seine and large pole-and-line vessels and make available logbook data summaries for the next workshop (March/April 2013);
 - c. P4KSI consider expanding the port sampling to other important tuna landing sites (e.g. Sorong);
 - d. DGCF and P4KSI request summary annual catch estimates from tuna fishing companies with longline, purse seine and pole-and-line vessels;
 - e. DGCF and WCPFC/SPC document the inconsistencies in the historical tuna catch estimates and attempt to resolve these problems.
2. DGCF consider centralising certain aspects of the management of logbook data collection for tuna fisheries and other changes in data collection to produce better estimates of tuna catch by GEAR and SPECIES.
3. WCPFC/SPC provide advice on how to resolve data quality issues in the logbook reporting and in the DGCF logbook database system.
4. WCPFC/SPC provide specifications of the reports that they should build into their system, particularly reports that should be developed to produce information for future Annual Catch estimates workshops.