SESSION 2.0
TUFMAN OVERVIEW

First TUFMAN Training Workshop (TTW-1)
3-7 December 2012
SPC, Noumea, New Caledonia

This presentation will cover

- The role of the TUFMAN database

- An overview of the TUFMAN features

Why Use A Database?

- It converts hard copy data into an electronic format

- The information is then easier to store, search and retrieve by single or multiple users

- Databases provide better data security, scheduled back-ups, along with increased portability of the data

- Data is better integrated, offering cross-checking and a broader data set for reporting

Disadvantages

- High start up costs (hardware / software)

- Highly trained staff are required for development and maintenance

An alternative - spreadsheets –

- Spreadsheets (Excel etc) also convert hard copy data into an electronic format

- The software is readily available and easier to use

- They may be a better choice if the data are only be collected and reported on for a short period of time

Disadvantages

- Rarely backed up, or the data is lost due to computer failure

- Access is normally only possible for one user

- Less likely to integrate data from different sources

- May become unstable if a lot of data is entered

The TUFMAN database

- Is a tool specifically developed by SPC for Pacific Islands tuna data systems

- Previously most data was entered at SPC and forwarded to countries

- TUFMAN gives countries more immediate access to their data and thus better control over their fishery

- Aligned with DCC regional standard tuna data collection forms

- Always updated to meet WCPFC reporting requirements

- On-going support and development

- It's free!

Complimentary Systems by SPC.

Databases

TUBS – a database for entering observer data

TUF-ART – a database for entering artisanal tuna data

Query Systems

CES – Catch and Effort Query System. Allows countries to create reports from any logsheet, unloading and port sampling data provided by them to SPC. Includes data provided by the USMLT and FSMA management programmes.

ORSE – Allows countries to create reports on most aspects of their observer data collected by their national obs. programme and entered by SPC

Viewer Systems

Observer Viewer System – allows countries to access pre-formatted reports on observer data

TUFMAN – part of the national tuna data system

- TUFMAN is only a tool

- You need more than TUFMAN to ensure you have good tuna data.

- Other elements are a Data Coordinator, data procedures manual, training for recorders, data quality checking and feedback. This is covered during the Tuna Data Workshop.
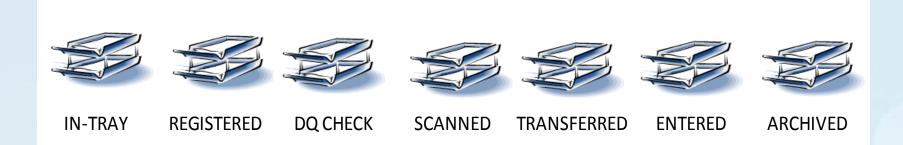
Data: TUFMAN Fuel

- TUFMAN won't resolve any problems with your data.

- It can identify gaps, but cannot rectify errors.

- To get better data ensure data submission is a legal requirement, that there is training in place for all data recorders (fishers and staff), and that there are procedures for data checking and management.

- TUFMAN is designed to work with the regional standard data collection forms available from the SPC website.
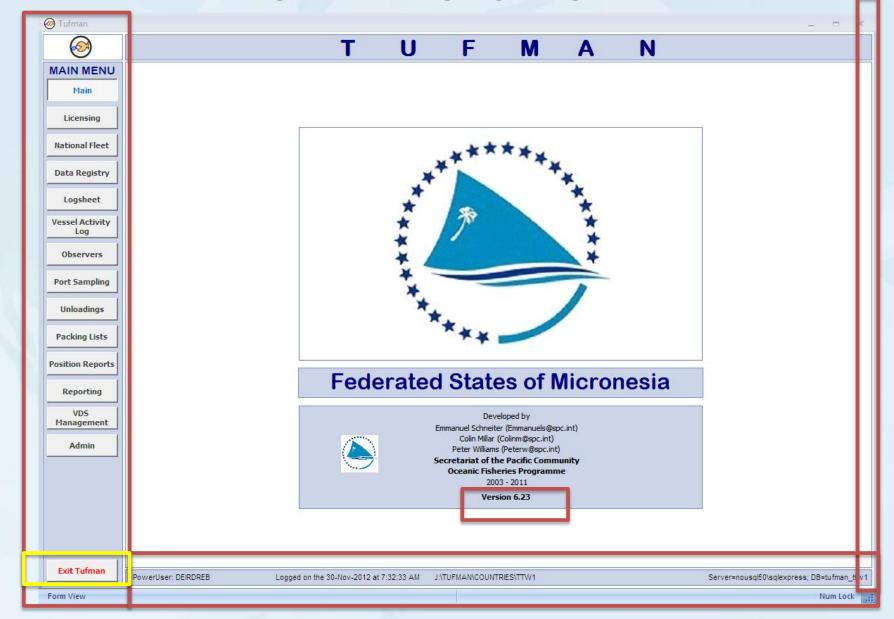
TUFMAN – in the data flow

IN-TRAY   REGISTERED   DQ CHECK   SCANNED   TRANSFERRED   ENTERED   ARCHIVED

- Following the data flow will go a long way to ensuring you have good data

- Scanning and transferring data is important (this is how you meet your WCPFC obligations) and it should be done monthly.

- Enter the data after it has been scanned. Hard copies can get lost during entry.

TUFMAN Overview

Sub – components : Entry

<u>Licensing</u>

Licensing

Agreements

Licenses

Receipts

Registrations

Return to Main Menu

- Add a new fishing agreement

- Add a new licence

- Add a vessel registration

- Add a receipt (payment)

➢ Data Coverage

Country-specific forms. Countries need to decide if they will enter full licensing into TUFMAN. If so, all licensing need to be entered, if not....

➢ Data Entry Coverage

o PICTS to enter all data. SPC does not enter licensing data.

Sub – components : Entry

National Fleet

- Enter basic licensing details of national fleet.

➢ Data Coverage

- There are no data forms for 'national fleet'. This data is not collected, but re-covered from the licensing details.

➢ Data Entry Coverage

o PICTS to enter all data. SPC does not enter national fleet data.

Sub – components : Entry

Data Registry

- Register newly submitted data

Data Collection Coverage

- There are no collection forms for data registry

Data Entry Coverage

- All submitted data should be registered (licensing, logsheet, unloading, port sampling and telex)

Sub – components : Entry

Logsheet

- Sub-menus for the different gear-types

- Allows you to enter all logsheet data details

Data Coverage

- Logsheets must be collected for <u>every trip</u> made by the national fleet, and for every trip made within the EEZ by every licensed vessel

Data Entry Coverage

- All collected logsheets should be entered. Countries can decide if they want to enter details of sets made outside their EEZ.

o SPC enters all received logsheets (double-entry)

o USMLT and FSMA logsheets are entered at FFA and available through CES

LOGSHEET

- Longline
- Purse Seine
- Pole and Line
- Handline
- Troll
- Gillnet
- Ringnet / Baby Purse Seine
- Alia
- Return to Main Menu

Sub – components : Entry

Vessel Activity Log

- No Sub-menu
- Enter vessel activity log

Data Coverage

- Countries are encouraged to collect a F. A. L from all licensed vessels.

Data Entry Coverage

- All collected data should be entered.
- SPC do not enter F. A. L information.

Sub – components : Entry

Observers

Observers

- No sub-menu

- Enter basic details of observer trips

➢ Data Coverage

▪ Basic observer trip detail information should be collected from every trip by a licensed vessel.

➢ Data Entry Coverage

- Countries should decide if they want to use this sub-component.

o SPC enters full observer trip details, for all trips

Sub – components : Entry

Port Sampling

- Sub-menus for different gears

- Enter port sampling data for any gear type

Data Collection Coverage

- 20% of all port unloadings should be port sampled.

- Length frequency data is also required from the National Fleet where ever they unload.

Data Entry Coverage

- Countries are advised to only enter port sampling totals
- SPC enter the full port sampling data

Sub – components : Entry

Unloadings

- Sub-menus for the different gear types
- Enter unloading data

Data Collection Coverage

- 100% of all port unloadings, and 100% of any unloadings by the national fleet – where ever they fish.

Data Entry Coverage

- All collected data should be entered into TUFMAN
- SPC enters all unloadings data into its regional database

Sub – components : Entry

Position Reports

- There are no sub-menus
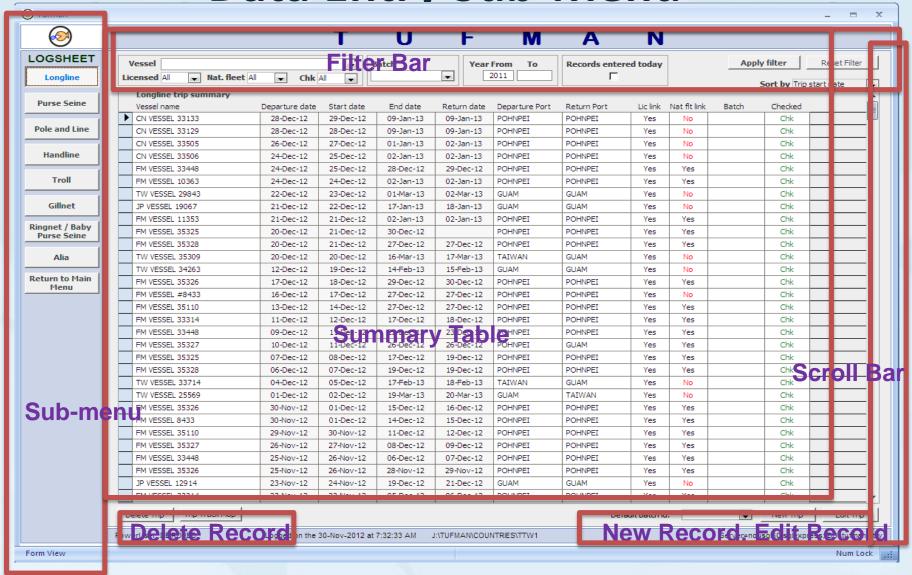
- Add telex report information.

Data Collection Coverage

- The telex reporting requirements are out-lined in bi-lateral agreements

Data Entry Coverage

- All received telex should be entered into TUFMAN

- SPC do not enter Telex data

Data Entry Sub-Menu

TUFMAN