SESSION 6
TUFMAN ADMINISTRATION

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

Presentation outline

- TUFMAN Administration
    - User administration
    - Relinking TUFMAN to the back-end
    - Linking to Mapinfo
    - Post-entry processing
    - The reference tables
    - TUFMAN customisation
    - Administrator password

User Administration

- TUFMAN User Administration
    - TUFMAN uses built-in security at the user level
    - For each user, determines what features of TUFMAN they can see, whether they can add, edit, or delete data
    - Uses 'Windows login'
    - New users automatically added, or can be added manually.
    - New users have no permissions initially.

User Administration

- Changing user permissions
- Admin->General Admin->User Administration
- Display – if unchecked then the item will not even be shown in the user's TUFMAN menus
- Edits – determines if the user can edit existing data for the permission item
- Deletions – determines if the user is allowed to delete records
- Additions – determines whether the user can add new records

Data type	Display	Permissions		
		Edits	Deletions	Additions
License	☑			
Registrations		☐	☐	☐
licenses		☐	☐	☐
Receipts		☐	☐	☐
Agreements		☐	☐	☐
Position Reports	☑	☐	☐	☐
Artisanal	☑	☐	☐	☐
Data Registry	☑	☐	☐	☐
Logsheet	☑	☐	☐	☐
Vessel Activity	☑	☐	☐	☐
Sampling	☑	☐	☐	☐
Unloading	☑	☐	☐	☐
Packing List	☑	☐	☐	☐
Observer	☑	☐	☐	☐
Reference tables	☑	☐	☐	☐
National Fleet	☑	☐	☐	☐

User : JACKBLACK

NONE Permitted   ALL permitted   Close

User Administration

It is highly recommended to setup each user with the minimum permissions that they require to perform their job. This will ensure that only those with the right knowledge and permissions can access and change the data in TUFMAN.

Re-linking

- What is re-linking and why is it required?
  - Tells the front-end (TUFMAN_SQLServer.accdr) where to find the data, i.e. How to connect to the back-end SQL Server database.
  - Allows easy re-connection to different TUFMAN databases (e.g. Fisheries TUFMAN, laptop copy, training database)
  - Essential for the operation of TUFMAN
  - Mainly need to re-link when receiving an update to the accdr file, from SPC

Re-linking

- How to re-link
  - Automatic when TUFMAN discovers that it isn't properly linked (e.g. An update from SPC)
  - Can be done manually via 'Admin->General admin->Re-link'
  - Note the filters to filter the country profile list

Re-link database files to the server / database below

Filter list by server	
Filter list by country	Federated States of Microne
Country profile	FM / TUFMAN training TTW-1
Server	nousql50\sqlexpress
Database	tufman_ttw1
Driver	sql server

Re-Link

Re-linking

- How to tell where you are linked to
  - Link details are shown on the bottom right of Main TUFMAN screen

'Copy' mode

- Copy mode
  - For a 'read-only' copy of TUFMAN, e.g. On a laptop when travelling
  - No data entry possible
  - Access to data and reports is OK

Re-linking problems

- Changes to the server
  - Server name
  - IP address on the network
  - Software changes on the server, e.g. to SQL Server
  - Changes to the firewall

- Corruption of TUFMAN_SQLServer.accdr file
  - Not uncommon, can happen because of a power cut or sudden shut-down of Microsoft Access
  - No danger to the data
  - Fixed by replacing the file

- Problem with updated TUFMAN_SQLServer.accdr file
  - This would be a problem with re-linking when you receive an update from SPC
  - Is due to differences between versions of Windows, usually happens on Windows XP/Vista machines but is also 'service pack' dependent
  - SPC can fix

MapInfo

- Used for most of the mapping reports
- TUFMAN writes a new MapInfo 'workspace' file and tab files and then tries to open MapInfo and have MapInfo open the new files
- Re-linked via Admin->General Admin->MapInfo Path, to 'MapinfoW.exe'
- MapInfo path is the same for all users,
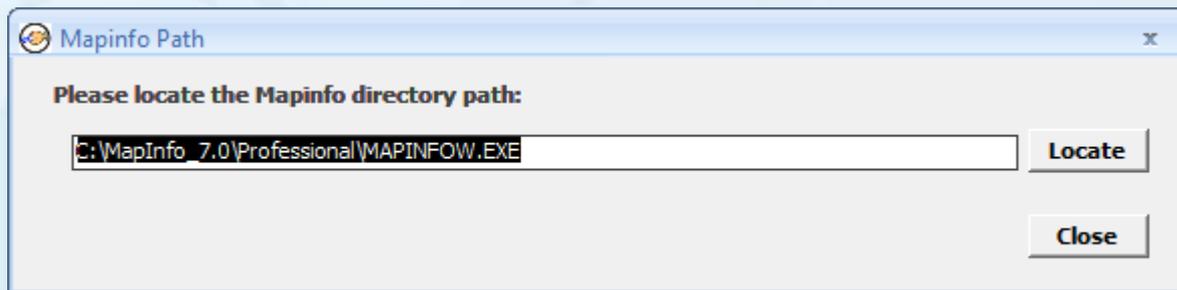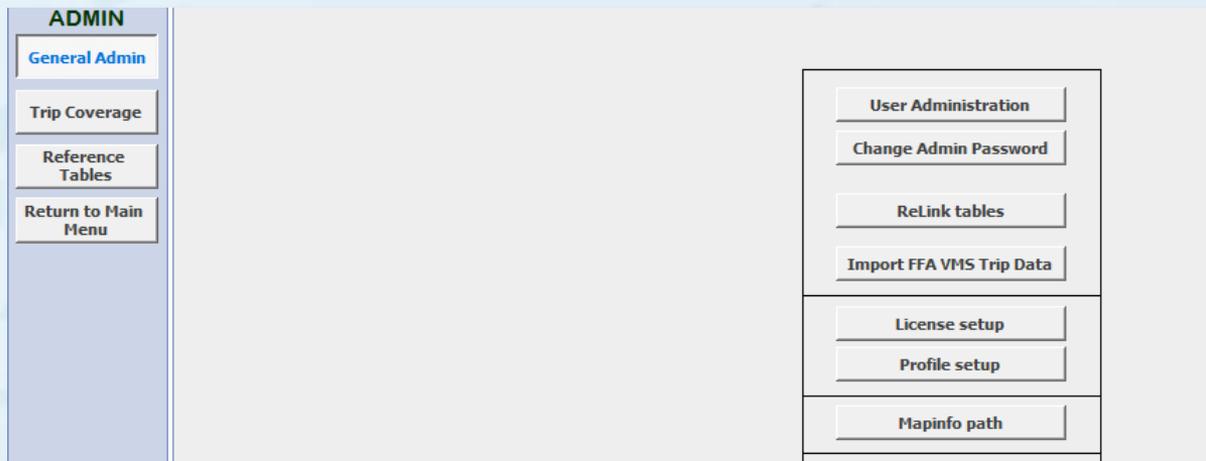
Post-Entry Processing

- Run from 'Reporting->Post-entry processing'
- Vital for reporting to ensure that what is reported is correct, especially due to the reliance of reporting on links to licenses and the national fleet.

- Generates links between licenses and other data such as logsheets and unloadings
- Generates links between the national fleet list and other data such as logsheets and unloading
- Generates links between logsheets, unloading, port sampling and other types of data
- Estimates catches and hooks where missing in logsheet data
- Raise catches in logsheets from unloading data
- Updates the sub-area code for reports

- There is a button to run all processing jobs but each can be run individually if required.

Reference Tables

- Run from 'Admin>Reference tables'
- 'TUFMAN is a 'relational' database, data are not entered twice (e.g. Vessel details) but are stored in a reference table with logsheets etc storing just the reference ID of the vessel

TUFMAN has quite a number of reference tables, including vessel activity codes etc, with the following tables accessible via the 'Admin->Reference tables' menu:
- Companies
- Currencies
- Field Staff
- Market Price
- Ports (not editable)
- Species Ranges
- Species to Display
- Sub-Areas
- Vessels

Must take care when adding or editing reference table items

Reference Tables

Company Details

Species ranges for selected gear

Select Gear Type: Longline ▼

Sort by: Species name

Company
Country
JV Country
Agreements
Company c...
Address1
Address2
Address3
Contact Na...
Phone

Species code	Species Name	Min No	Max No	Min Wt	Max Wt	Min Av Wt	Max Av Wt	Min Len	Max Len
BFT	NORTHERN BLUEFIN	0	20	0	250	20	250	40	300
BIL	MARLINS, SAILFISHES, SPEARFISHES (UNIDENTIF	0	20	0	200	10	300	50	400
BLM	BLACK MARLIN	0	30	0	450	10	300	50	400
BRZ	BREAMS AND POMFRETS	0	50	0	50	0	0	0	0
BSH	BLUE SHARK	0	100	0	200	0	0	50	400
BUM	BLUE MARLIN	0	50	0	200	5	320	50	400
COM	SPANISH MACKEREL (NARROW-BARRED)	0	50	0	100	2	30	20	220
DOL	MAHI MAHI, DOLPHINFISH, DORADO	0	68	0	300	0	0	20	200
FAL	SILKY SHARK	0	50	0	100	0	0	0	0
LAG	MOONFISH (OPAH)	0	50	0	200	0	0	0	0
LEC	ESCOLAR	0	50	0	40	0	0	0	0
MAK	MAKO SHARKS	0	20	0	200	0	0	50	400
MLS	STRIPED MARLIN	0	40	0	1200	7	300	50	400
OIL	OILFISH	0	90	0	100	0	0	10	175
OTH	OTHER FISH	0	200	0	600	1	70	20	230
RRU	RAINBOW RUNNER	0	20	0	200	0	0	0	0
SBF	SOUTHERN BLUEFIN	0	50	0	200	5	250	40	300
SFA	SAILFISH	0	30	0	200	5	100	50	350
SHF	SHARK FINS	0	0	0	200	0	0	0	0
SHK	SHARKS (UNIDENTIFIED)	0	350	0	4000	5	120	50	400
SKJ	SKIPJACK	0	290	0	500	1	15	20	105
SMA	SHORT FINNED MAKO SHARK	0	0	0	0	0	0	0	0
SSP	SHORT-BILLED SPEARFISH	0	20	0	200	0	0	0	0
SWO	SWORDFISH	0	50	0	500	10	280	50	400
TAL	BIG-SCALED POMFRET	0	0	0	0	0	0	0	0
TST	SICKLE POMFRET	0	0	0	0	0	0	0	0
WAH	WAHOO	0	60	0	400	2	50	20	250
YFT	YELLOWFIN	0	360	0	3000	5	120	20	230

TUFMAN Customisation

- The TUFMAN profile
    - Caters for differences from one country to the next
    - Enable / disable features
    - Some defaults
    - Allows TUFMAN to be a regional system, there is only one version for all countries
    - Should not be changed without checking with SPC first
    - Available via 'Admin->General admin->Profile setup'

TUFMAN Customisation

WARNING: Changes must be made with extreme caution because they can have serious effects on the database if not done properly. Never make changes without consulting SPC beforehand.

Country	Federated States of Micronesia
EEZ catch only	☑ Enter IW catch ☐
Revision	6.23
Port	POHNPEI
Mapinfo path	C:\MapInfo_7.0\Professional\MAPINFOW.EXE
Show logsheet	Full data entry
Show vessel activity	☑
Show port sampling	Totals only
Show unloadings	☑
Show packing list	☐
Show licensing	☑
Show national fleet	☑
Show observer	☑
Show registrations	☑
Show receipting	☑
Show telex reports	☑
Show data registry	☑
Show artisanal	☐
Local currency	USD
Agreement number format	PTY000
ARP Type	Agreement dates
ODBC connect string	ODBC;Description=Tufman Tables;DRIVER=sql server;SERVER=nousql02.corp.spc.int;APP=2007 Microsoft Office system;DATABASE=tufman_fm;Trusted_Connection=Yes;
ODBC server	nousql02.corp.spc.int
ODBC driver	sql server
ODBC database	tufman_fm
license upload date	9/08/2012 9:00:18 PM
Require vessel category	☐
PS vessel unloads	☐
All vessels should be licensed?	No
All vessels should bein national fleet list?	No

Use Ringnet ☐
Use Gillnet ☐
Use Alia logsheets ☐

Close

Administrator Password

- Admin->General admin->Change Admin Password'
- Password is used to restrict access to certain functions, such as reference tables, re-linking, user administration, and a few others
- Password should be changed from the default
- Password should be kept safe with the TUFMAN administrator and maybe 1 other person

Enter Password

Old Password:

New Password:

Confirm NewPassword:

Cancel   OK

End