



TanRoads Management Guide

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Amendment Record

Release	Date	Prepared By	Independently Verified By
Issue A	22/05/08	Ashley Warner	Roger Preston
Issue B	03/06/08	Brian Dunning	Ruth Shepherd

Starting the TanRoads Management Application

Double click on the TanRoads Management Studio icon.



Navigation Menu

The Management Application web pages are divided into two panes, the left pane will always display the Menu. Use a single left mouse click on any of the underlined tiles to display the item in the right pain.

Menu

Manage Site[Edit Site](#)**Manage Fines**[Edit Fines](#)**Manage Vehicle Types**[View Vehicle Types](#)[Add Vehicle Type](#)**Manage Default Weights**[Edit Default Weights](#)**Tools**[Reprint Ticket](#)[Cleanup](#)

Edit Site

The information in this component is used to populate the site information on all of the tickets produced.

Manage Site - Edit Site

Name	<input type="text" value="TanRoads"/>
Address	<input type="text" value="Plot no.1283/4"/>
	<input type="text" value="Chole Road"/>
	<input type="text" value="Masaki"/>
	<input type="text" value="Dar es Salaam"/>
Tel No	<input type="text" value="255 22 2152576"/>
Fax No	<input type="text" value="255 22 2150022"/>
Email	<input type="text" value="tanroadshq@tanroads.org"/>
Vat No	<input type="text" value="102-061-446"/>

Save

To modify any of the details of the site, click into the appropriate text box and modify the text by using any of the standard techniques for modifying text. When the modification has been completed click the Save button so that the modification is printed on the ticket.

Note:

Reprinted tickets will have the modified site details.

Note:

As the apostrophe or single quote character is used to indicate the start and end of a string (therefore invalid in this software), if this character is used from the keyboard it will be replaced by the acute symbol (when ' is typed it is replaced by `)

Edit Fines

The Manage Fines web page displays the current charge in dollars against the axle being overweight in Kilograms.

Manage Fines - Edit Fines

Up To (kg)	Charge (\$)
100	<input type="text" value="8"/>
200	<input type="text" value="16"/>
300	<input type="text" value="25"/>
400	<input type="text" value="34"/>
500	<input type="text" value="43"/>
600	<input type="text" value="52"/>
700	<input type="text" value="62"/>
800	<input type="text" value="72"/>
900	<input type="text" value="82"/>
1000	<input type="text" value="92"/>
10000	<input type="text" value="2986"/>

To modify any of the charges in Edit Fines, click into the appropriate text box and modify the Charge by using any of the standard techniques for modifying text. When the modification has been completed click the Save button so that the modification is stored.

Note:

Only numeric character are allowed in these fields (0 1 2 3 4 5 6 7 8 9, decimal numbers (8.5) and comers (1,000) are not allowed and the maximum value that can be entered is 9,999,999,999.

If any other characters than 1 2 3 4 5 6 7 8 9 0 are used or the number entered is greater than 9,999,999,999 then the following error message will be displayed and the data will not be saved.

System - Perform Action

0 Fines were updated.
Some fields either contain an illegal character or the number is greater than 9,999,999,999.

[Click here to be redirected...](#)

Click to return to the Edit Fines web page.

View Vehicle Types

The View Vehicle Types web page displays the Vehicle and Max Gross for most standard axle configurations. To add a new vehicle configuration use Add Vehicle Type.

The articulated part of a vehicle is indicated by a minus sign (-), rigid trailers are indicated by a plus sign (+) and a gap between axles is indicated by an asterisk (*)



1 * 12

-

22

The first set or group of axles to be weighed has one digit indicating one axle and the number 1 indicated that there is 1 wheel on each end of the axle.


The asterisk indicates the end of the first axle group or the beginning of the second axle group.














The dash or minus sign indicates that the vehicle is articulated.

The second axle group to be weighed has two digits indicating two axles in the group and the number 12 indicated that there is 1 wheel on the first axle and two wheels on each end of second axle in the axle group.

The third axle group to be weighed has two digits indicating two axles in the group and the number 22 indicated that there are 2 wheels on each end of each axle.

Manage Vehicle Types - View Vehicle Types

Use the  to Delete a vehicle type.
Once a vehicle type is deleted they cannot be retrieved.

	Vehicle Type	Max Gross (kg)	Axel Configuration
	Articulated	24000	1*1-1
	Articulated	26000	1*1-2
	Articulated	26000	1*2-1
	Articulated	28000	1*2-2
	Articulated	33000	1*21-2
	Articulated	33000	1*2-21
	Articulated	34000	1*1-22
	Articulated	36000	1*22-2
	Articulated	36000	1*2-22
	Articulated	37000	1*1-221
	Articulated	38000	1*21-21
	Articulated	38000	1*21-111

The only action available on this page is to delete a vehicle type. To delete a vehicle type, left mouse click on the waste bin of the required vehicle type. When deleting a vehicle type, no confirmation is required, the vehicle type is permanently deleted and the only recovery is to recreate the vehicle type using Add Vehicle Type from the Menu.

Add Vehicle Type

The Add Vehicle Type web page is used to create axle configurations that do not already exist as a Vehicle Type.

Manage Vehicle Types - Add Vehicle Type

Axle Configuration

1 | 2 - Number of wheels per side.
 Star (*) - Axle Separator
 Dash (-) - Artic Trailer Separator
 Plus (+) - Rigid Trailer Separator

To create a new vehicle type, enter the axle configuration required in the text field followed by the Add button. On the successful completion of creating a new axle configuration the View Vehicle Types web page is displayed, which will include the new axle configuration.

The Vehicle Type is determined by the axle configuration:

If the axle configuration includes a – (dash) the vehicle type will be Articulated.

If the axle configuration includes a + (plus) the vehicle type will be Rigid Trailer.

If the axle configuration does not include a – (dash) or + (plus) then the vehicle type will be Rigid.

Restrictions when creating an axle configuration: If the axle configuration already exists the following message will be displayed.

System - Perform Action

A Vehicle Type with a Config of : 1*1-1, could not be created.
 It either already exists or it contains an illegal configuration.
 This could be that the element wheel configuration does not exist. (See manual)

[Click here to be redirected...](#)

Click to return to the Add Vehicle Type web page

The only allowable characters that can be entered for an axle configuration are:

1 2 * - + any other character entered into the text box will cause the above error message to be displayed (this includes the space character).

There may be some axle configuration that cannot be created or may be misinterpreted:

The only axle configurations that can be created must be in accordance with the data provided on the TanRoads web site as per the 1st April 2008.

A vehicle that has a double steering axle should not be entered as 11 (a group of 2 axles with one wheel on each end of the axle) but as a 1*1 (two separate groups of one axle with one wheel on the each end of the axle).

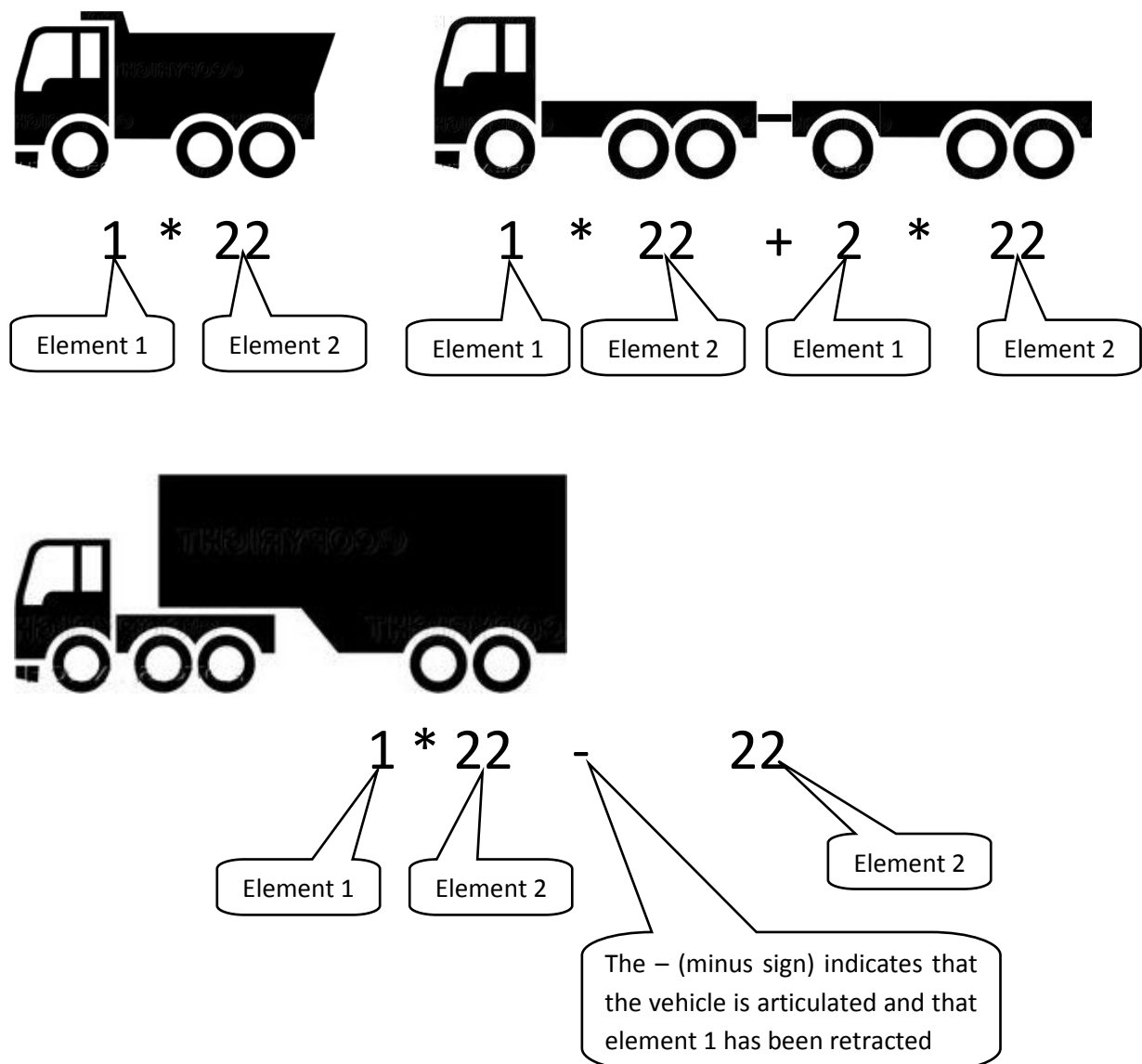
For axle groups that cannot be created the above error message will be displayed.

Edit Default Weights

The Edit Default Weights page contains the maximum weight for the axle configurations where the element indicates that the axle is a front axle (element 1) or any axle after the front axle (element 2).

The maximum weights entered for each wheel configuration was taken from the TanRoads web site as per the 1st April 2008.

Examples:-



Manage Default Weights - Edit Default Weights

A vehicle is split up into multiple element separated by either a (-) or a (+).
This configuration table is used to calculate the weight of each axel for a given configuration.
For example :

1 * 1 - 22
(1 : 8000kg) (1 : 8000kg) (22 : 1800)
Element 1 Element 2 Element 1

Element	Wheel Configuration	Weight (kg)
1	1	<input type="text" value="8000"/>
1	2	<input type="text" value="9000"/>
2	1	<input type="text" value="8000"/>
2	2	<input type="text" value="10000"/>
2	222	<input type="text" value="24000"/>

To modify the maximum weight allowable for the axle wheel configuration, click in the required text box, modify the value using standard editing techniques and commit the modification to the system using the Save button.

The only allowable characters that can be entered for the default weight are:

1 2 3 4 5 6 7 8 9 0 any other character entered into the text box will cause the error message below to be displayed (this includes the space character, the comma (,) and decimals are also not allowed).

The maximum value that can be entered into the field is 9,999,999,999.

System - Perform Action

0 Default Weights were updated.
Some fields either contain an illegal character or the number is greater than 9,999,999,999.

[Click here to be redirected...](#)

Click to return to the Edit
Default Weight web page

Reprint Ticket

The Reprint Ticket web page displays all of the completed weighing between the selected dates allowing the required ticket to be reprinted.

When the web page is opened the default date is set to the current date and displays all of the completed tickets for the current date (today)

Tools - Reprint Ticket

Use the to Reprint a Ticket.

From Date **To Date**

Day Month Year Day Month Year

20 05 2008 20 05 2008

Display

Click the Display button to display the ticket for the given dates.

These results are filtered on today only.

Ticket No	Prints	Date	Vehicle Reg	Driver
46	1	May 20 2008 4:14PM	H7MLX	Ashley Warner

To set a date range, set the From Date to the first day of the period that the transactions are to be displayed, set the To Date to the day after the period that the transactions are to be displayed, then use the Display button to return the list of transactions.

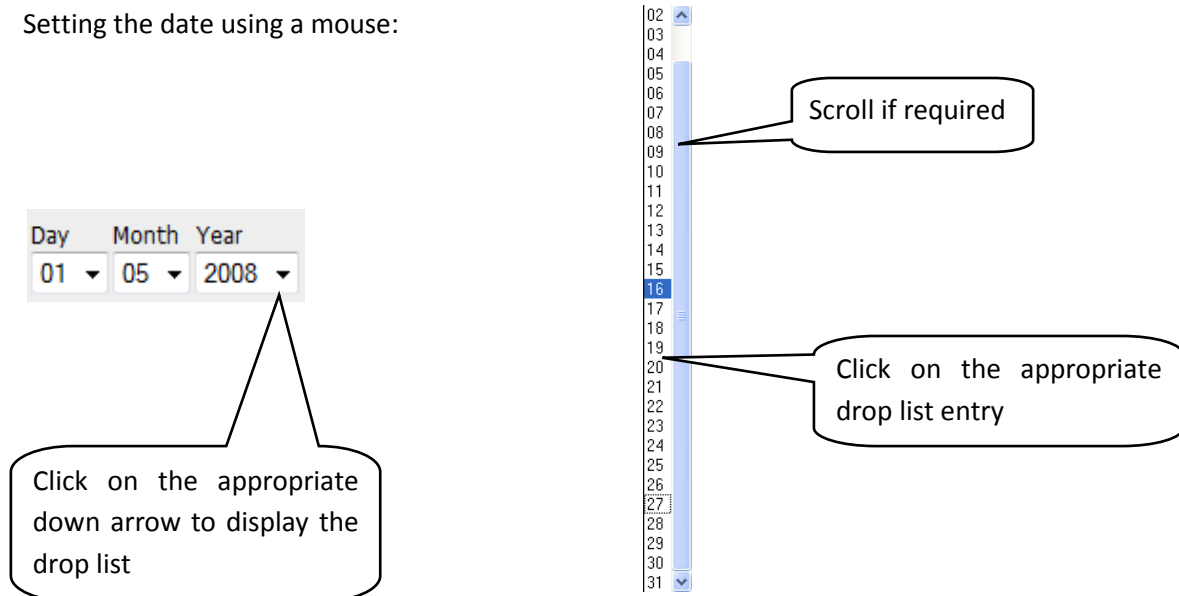
Example:-

To display all of the transactions for March 2008, set the From Date to 01-03-2008 and the To Date to 01-04-08.

Using the Date Picker

The date picker can be set using the keyboard, the mouse, or both keyboard and mouse.

Setting the date using a mouse:



Setting the date using the keyboard

1. Use the Tab key as many times as necessary to highlight the From Date, Day field.
2. Use the Alt + up arrow key to display the drop list
3. Use the any of the Page Up, Page Down, up arrow or down arrow keys to highlight the required drop list entry.
4. Use the Enter key or Alt + down arrow keys to close the drop list.
5. Use the Tab key once to move onto the next field where the process can be repeated.

Note:

The Home key will set the current part of the date in the highlighted field.


The Shift + Tab keys tabs in the reverse order.

Activating the Display button from the keyboard

1. Use the Tab key as many times as necessary to highlight the Display button.
2. Use either of the Enter keys to activate the Display button.

Reprinting a ticket

Tools - Reprint Ticket

Use the  to Reprint a Ticket.

From Date


Day Month Year
20 ▾ 05 ▾ 2008 ▾

To Date

Day Month Year
20 ▾ 05 ▾ 2008 ▾

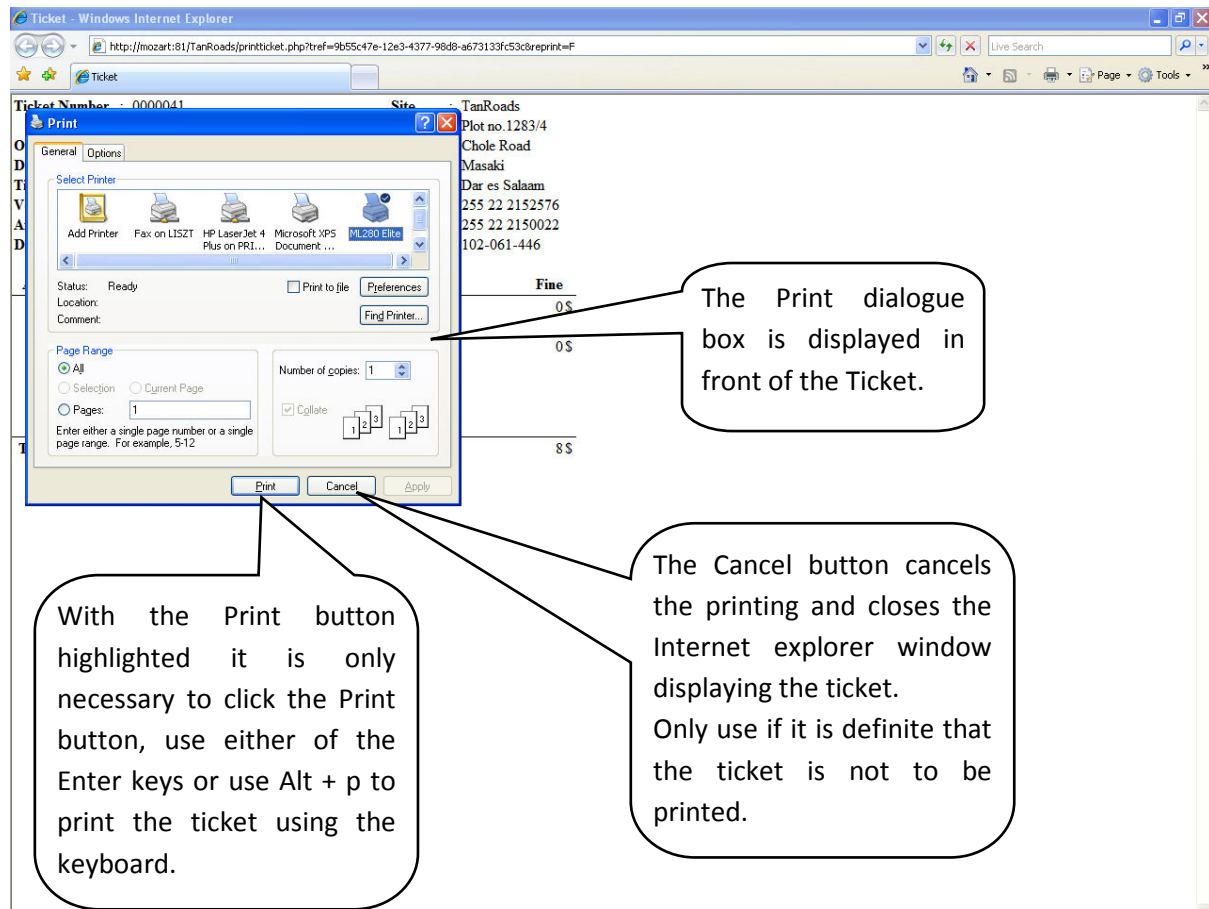
Display

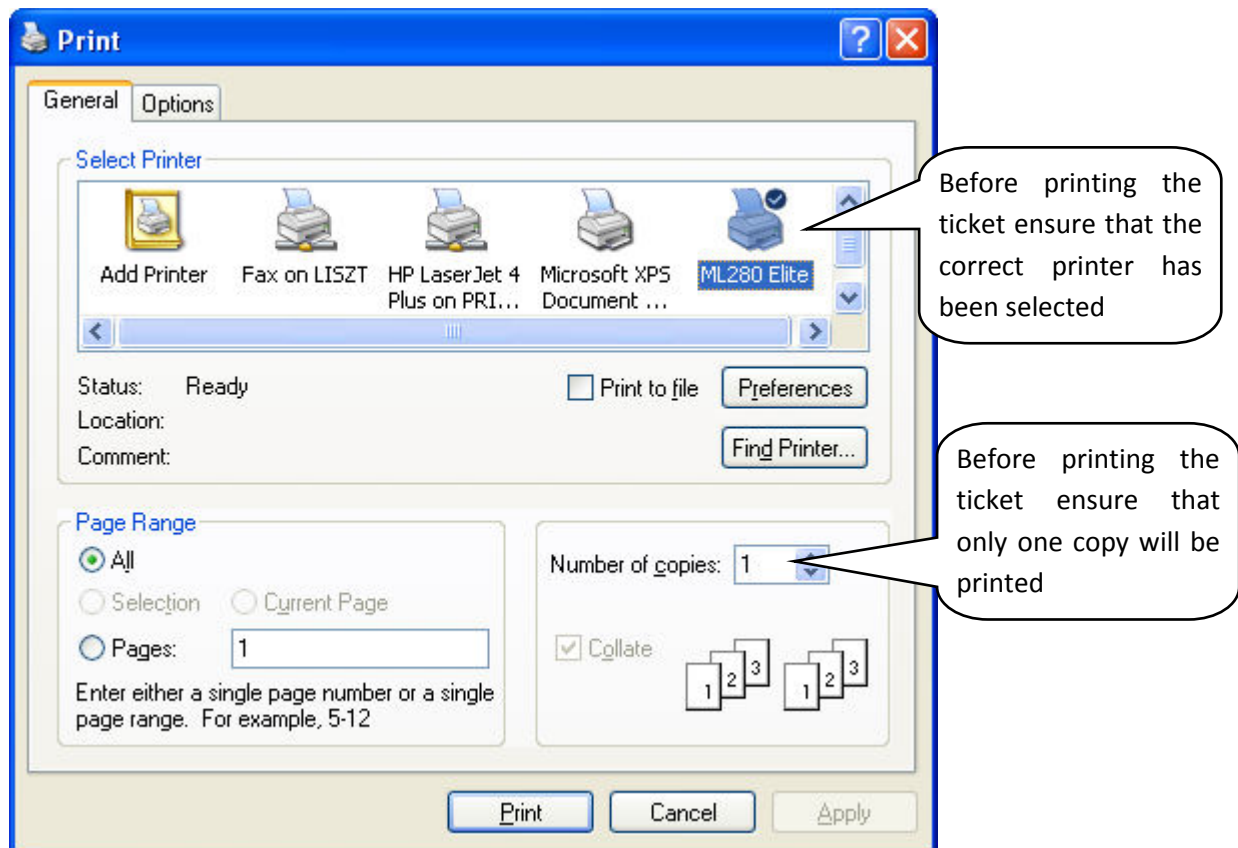
These results are filtered on today only.

	Ticket No	Prints	Date	Vehicle Reg	Driver
	46	1	May 20 2008 4:14PM	H7MLX	Ashley Warner

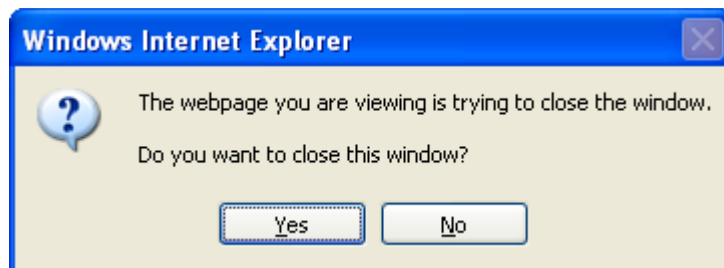
Click to printer icon to
reprint the ticket

The method of printing the ticket is using standard Internet Explorer technology.





When the required information has successfully been sent to the printer, Internet Explorer will automatically try to close and the following dialogue box will be displayed. The Internet Explorer window needs to be closed.



To complete the message box and close Internet explorer.

1. Use a single left mouse button click on the Yes Button
2. The Yes button is automatically highlighted so by using either of the Enter keys the Yes button will be activated.
3. If the Yes button is not highlighted use the Tab key to highlight the button (Shift + Tab reverses the tabbing order).
4. Also the Alt + y keys (using an upper or lower case y) will activate the Yes button.

Ticket - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://mozart:81/TanRoads/printticket.php?tref=DB3ABD25-36A3-41B7-86EB-E09A76E5D75C&repri> Go

Ticket Number : 0000046 Reprint **Site** : TanRoads
Operator : keith **Plot no.** 1283/4
Date : May 20 2008 **Chole Road**
Time : 4:14PM **Masaki**
Vehicle Reg : H7MLX **Dar es Salaam**
Axle Config : 1*1 **Tel No** : 255 22 2152576
Driver Name : Ashley Warner **Fax No** : 255 22 2150022
Vat No : 102-061-446


Axle	Actual	Legal	Overload	Fine
0	6680kg	8000kg	0kg	0\$
1	6680kg	8000kg	0kg	0\$

Total 13360kg 0\$

The word Reprint is placed after the ticket number on all reprinted tickets

Done Local intranet

Tools - Reprint Ticket

Use the  to Reprint a Ticket.

From Date


Day Month Year
 21 05 2008

To Date

Day Month Year
 21 05 2008

Display

These results are filtered between the dates of 2008-05-20 and 2008-05-21.

Ticket No	Prints	Date	Vehicle Reg	Driver
 46	2	May 20 2008 4:14PM	H7MLX	Ashley Warner

The total number of print request sent to the printer are recorded

Cleanup

The cleanup tool permanently deletes the transactions and all the associated data belonging to said transactions between the given From and To dates. This is an irreversible process and once a cleanup has been run, the data cannot be retrieved.

Note:

It is highly recommended that the database is backed-up before this tool is used.

Tools - Cleanup

Cleanup removes Transactions and Tickets between the given dates.
Once the Transactions and Tickets have been cleanup they cannot be retrieved.
This is an irreversible process...

From Date Day Month Year
01 05 2008

To Date Day Month Year
30 05 2008

Cleanup

To remove unwanted transactions, set the From Date to the first day of the period that the transactions are to be deleted, set the To Date to the day after the period that the transactions are to be deleted and click the Cleanup button. All the transactions will be deleted between the From Date dates.

Example:-

To remove all of the transaction for March 2008 set the From Date to 01-03-2008 and the To Date to 01-04-08 (no transactions dated 01-04-08 will be deleted).

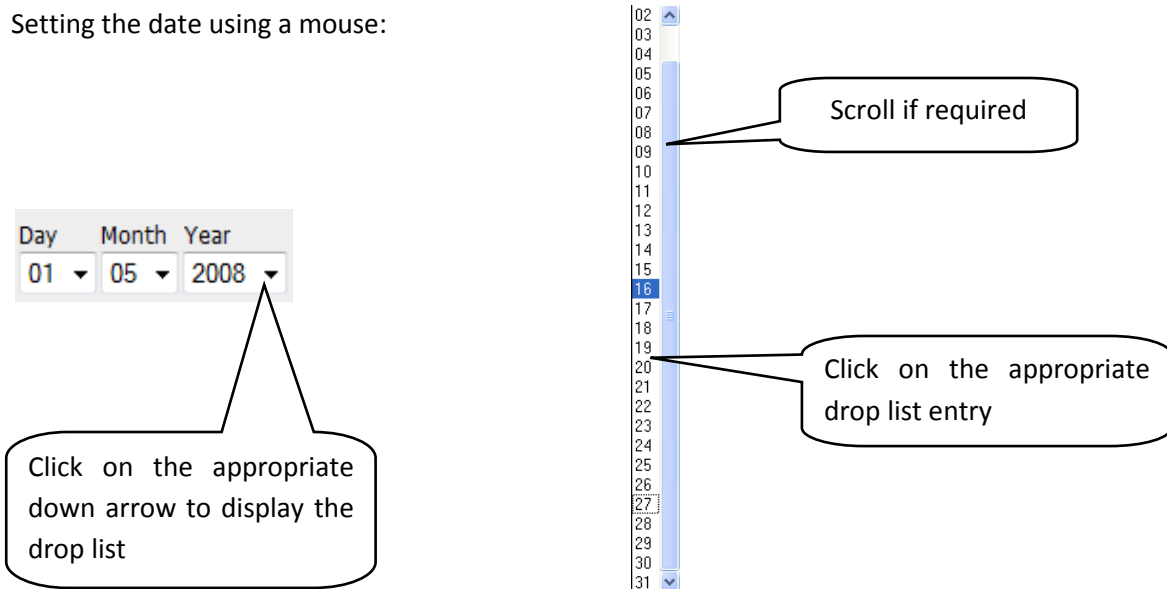
Note:

When the Cleanup button is clicked the cleanup procedure runs immediately, no secondary warnings are displayed such as “are you sure you want to do the cleanup”.

Using the Date Picker

The date picker can be set using the keyboard, the mouse or both keyboard and mouse.

Setting the date using a mouse:



Setting the date using the keyboard

1. Use the Tab key as many times as necessary to highlight the From Date, Day field.
2. Use the Alt + up arrow key to display the drop list.
3. Use any of the Page Up, Page Down, up arrow or down arrow keys to highlight the required drop list entry.
4. Use the Enter key or Alt + down arrow keys to close the drop list.
5. Use the Tab key once to move onto the next field where the process can be repeated.

Note:

The Home key will set the current part of the date in the highlighted field.

The Shift + Tab keys tab in the reverse order.

Activating the Display button from the keyboard

1. Use the Tab key as many times as necessary to highlight the Display button.
2. Use either of the Enter keys to activate the Display button.