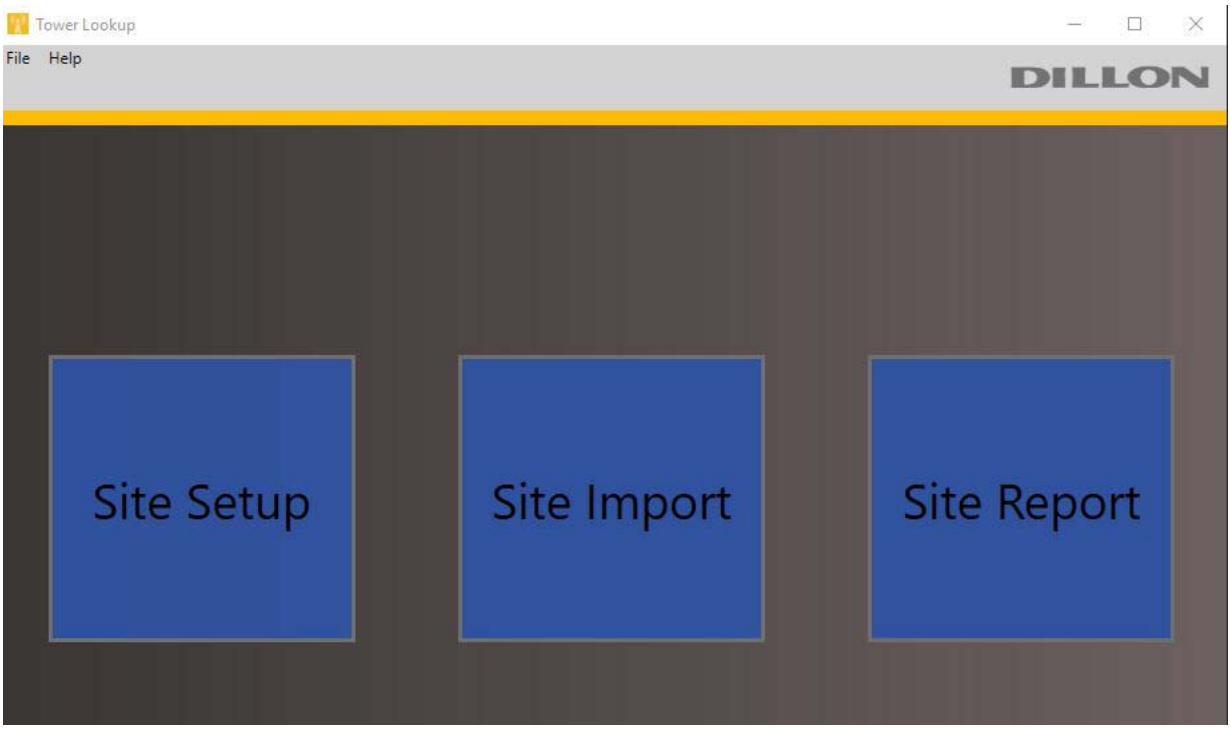
Tower Lookup

PC Application



Quick User Guide

AWT35-501911
Issue AA

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1 Introduction

The Tower Lookup PC Software is a program that will interface with the Quick Check-T for importing target tensions into the Quick Check-T and exporting into tower site forms for reporting.

1.1 Connections

To connect the Quick Check-T to your PC, you will need the Lemo to USB Cable Kit (part number AWT05-509542).

1. Connect the USB to serial converter cable to your computer.
2. Connect the other end to the DB9 connector on the serial cable.
3. Connect the Lemo connector to the back of the Quick Check-T.

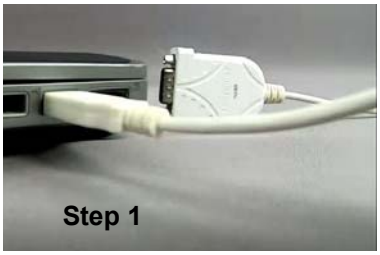

Figure 1.1 Connections

If using a Communicator, connect the Lemo connector to Com 1 on the Communicator instead of the Quick Check-T.

4. Power on the Quick Check-T.

1.2 Configuring Tower Lookup

1. With Tower Lookup installed on your computer, open Tower Lookup and click on **File**.
2. Click on **Tools** to open the **Configuration** window.
3. Choose the correct com port from the dropdown menu. Leave the other communication settings under **Serial Configuration** as they are.

Figure 1.2 Com Port Selection - In this example, only one port is available.

4. In the **Units of Configuration** section, choose from the following available units:
   - Newtons/Celcius
   - Pounds/Fahrenheit
   - Kilograms/Celcius

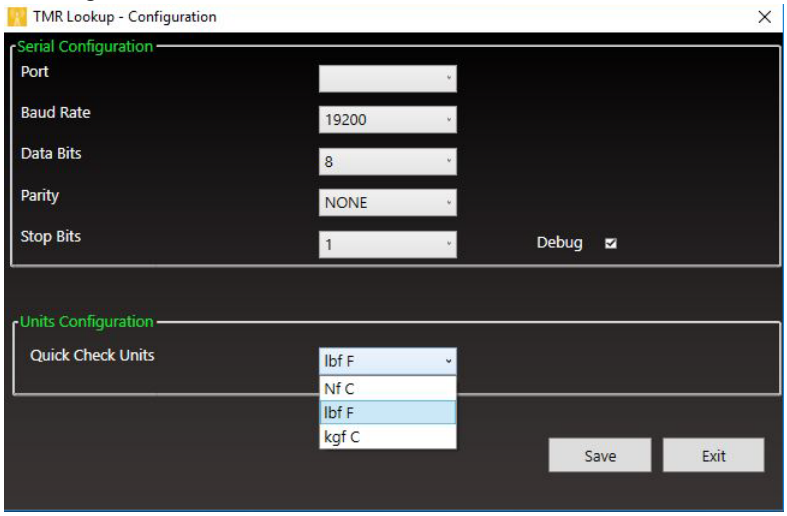

Figure 1.3 Units Selection

The units selected in the dropdown list should match the units in the Target Tension spreadsheet being imported.

5. Click **Save**, followed by **OK**.
6. Click **Exit** to close the **Configuration** window.

1.3 Importing Target Tensions

1. From the **Tower Lookup Main Screen**, select **Site Import.**

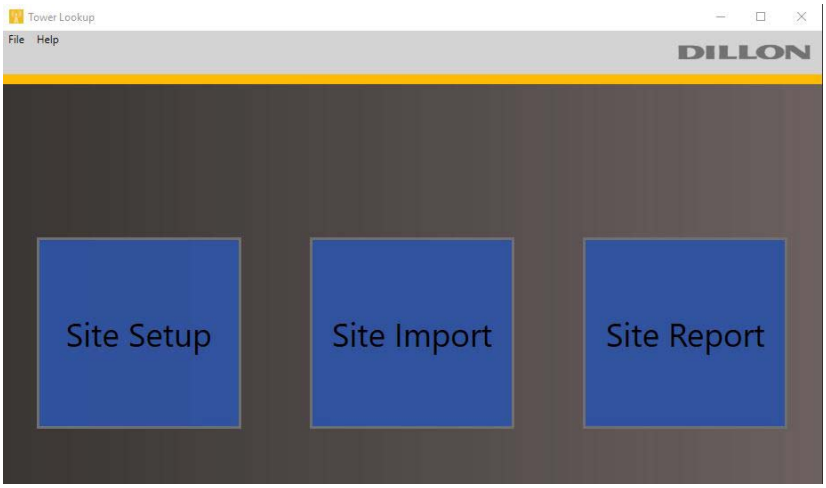

Figure 1.4 Tower Lookup Main Screen

2. Select the appropriate template from the **Open** dropdown menu.

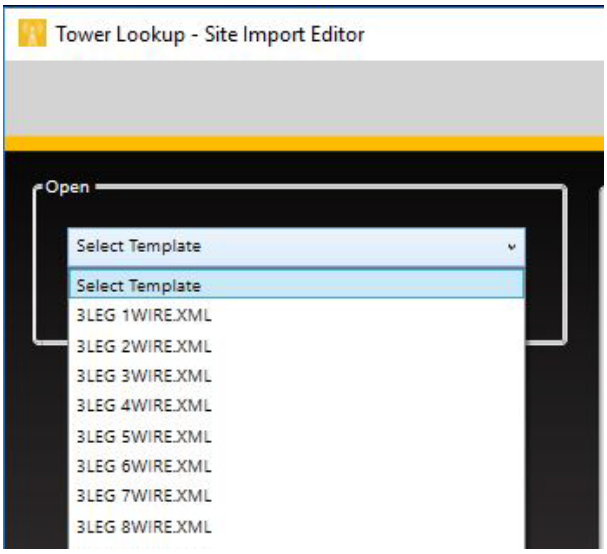

Figure 1.5 Open Dropdown Menu

3. click **Browse for file** and select the **Target Tension Spreadsheet** you would like to import.

   The target tension data will be imported and displayed in the **Guy Tension Data** window.

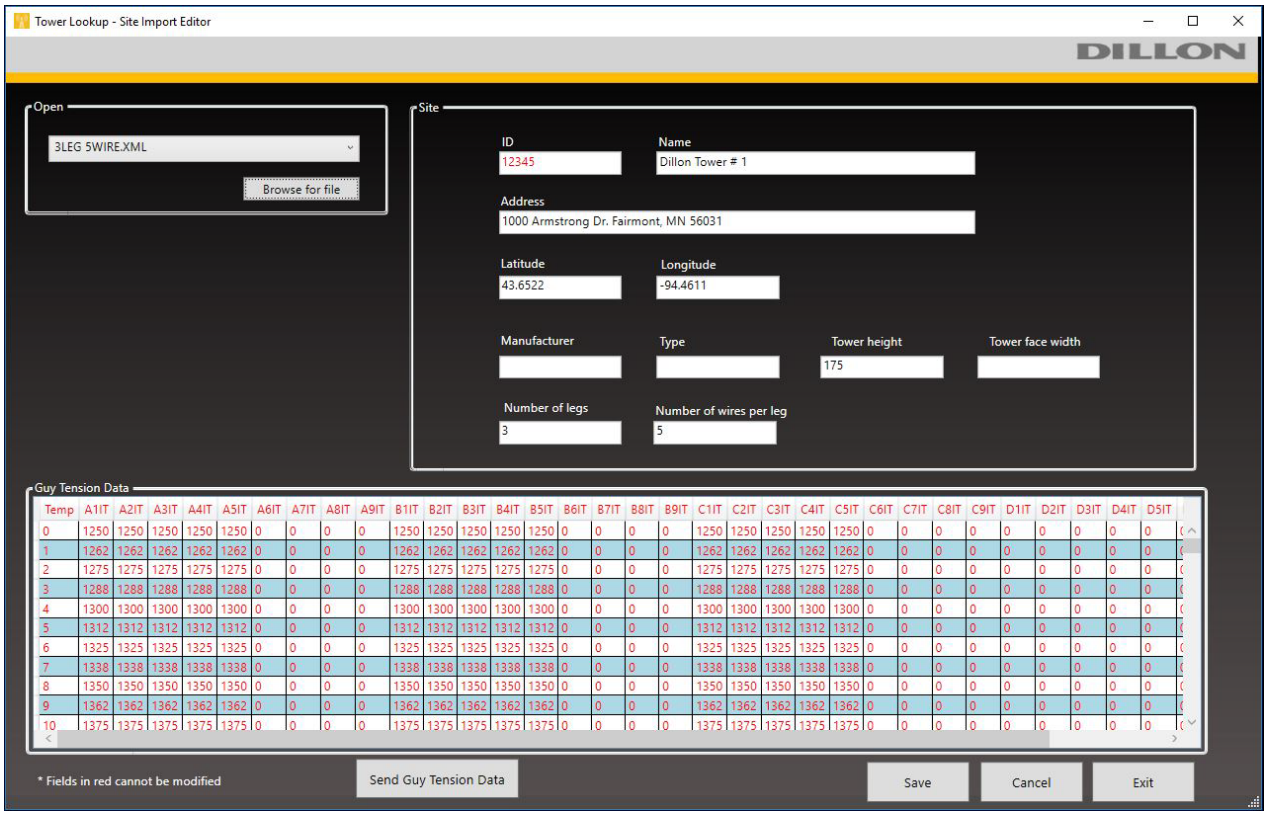

Figure 1.6 Guy Tension Data

4. From the **Tower Lookup Site Import** screen, click on **Send Guy Tension Data**.

5. On the Quick Check-T, press the **Right Arrow**, and then press the **Tower** softkey.

Figure 1.7 Step 5

6. Press **Dload** on the Quick Check-T.

Figure 1.8 Steps 6 and 7

7. When prompted to clear the table, press **Yes**. This will delete previous site data stored in the Quick Check-T

   The Tower Lookup program indicates that the send was successful, and the site information will be displayed on the Quick Check-T.

Figure 1.9 Site Information Displayed

8. On the Quick Check-T, press **Escape** multiple times to return to the main screen.

9. Click **OK** in **Tower Lookup** and exit the program.

The data is loaded in the Quick Check-T and the Quick Check-T is ready for the plumb and tension procedure for this site.

1.4 Import Data into Tower Lookup

After completing the plumb and tension procedure at the site, you can import the data stored in the Quick Check-T into Tower Lookup.

1. Connect the Quick Check-T to your computer using the same procedure described in section 1.1

2. From the **Tower Lookup Main Screen**, select **Site Report**

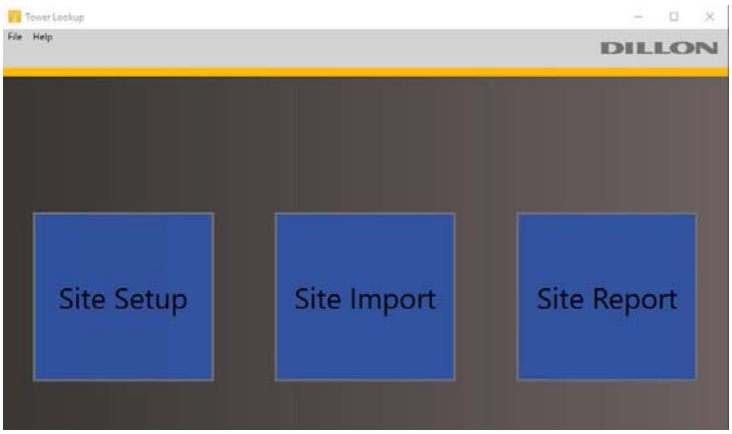

Figure 1.10 .Tower Lookup Main Screen

The Site Report screen opens.

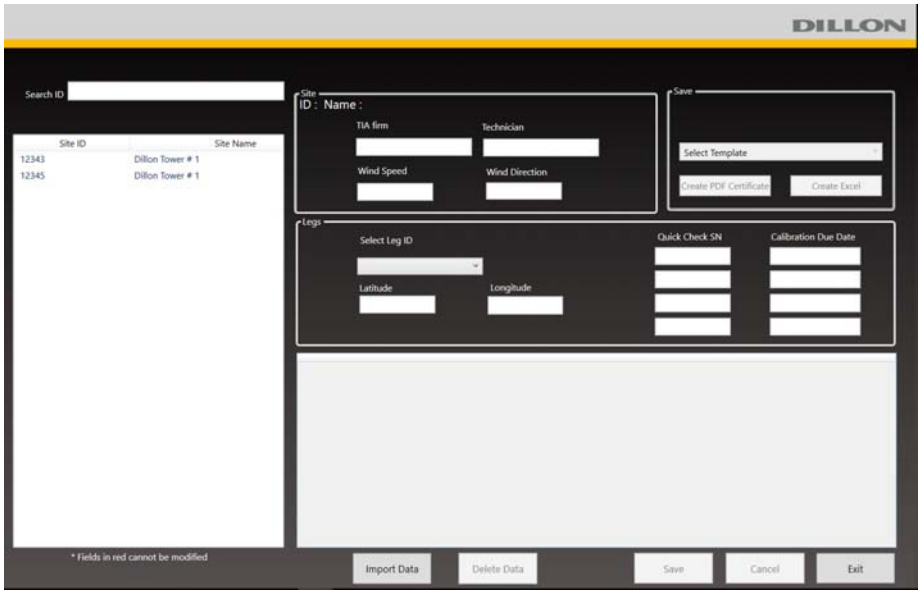

Figure 1.11 Site Report Screen

3. Click on **Import Data**.

The program prompts you to press **Send** on the Quick Check-T.

4. On the Quick Check-T, press the **Arrow**, and then press the **Tower** softkey.

Figure 1.12 Step 4

5. Press **Send** on the Quick Check-T. Then press **Yes**.

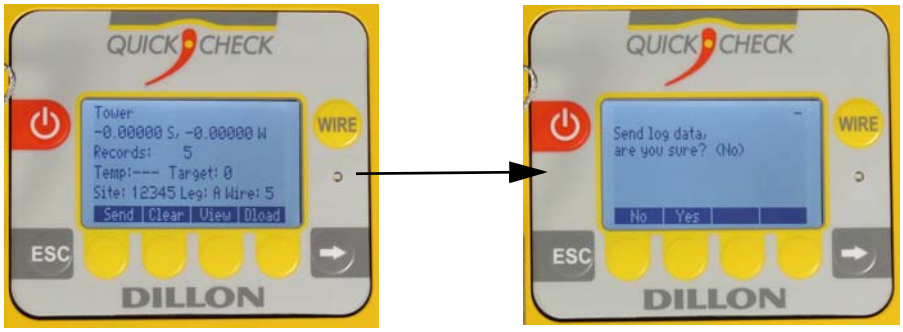

Figure 1.13 Step 5

6. **Tower Lookup** displays a popup indicating that the data was received.
7. Click **OK** to clear the popup window.

   The imported site data appears on the left of the **Site Report** screen.
8. Click on the **Site**.

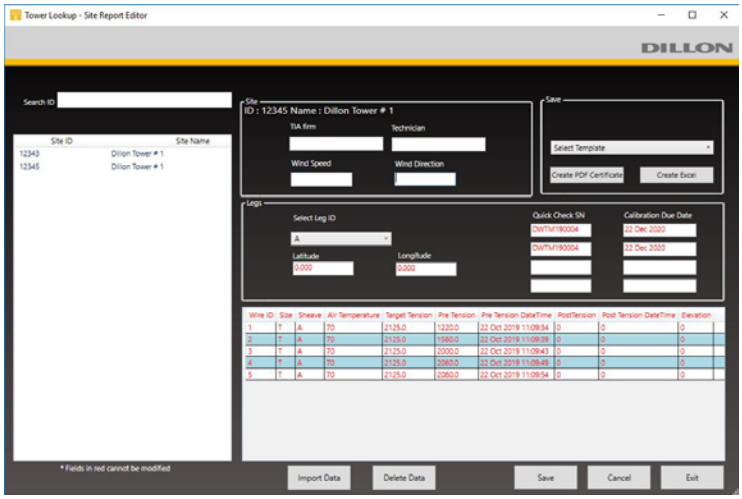

Figure 1.14 Imported Site Report

The tension data is now included in the **Leg** fields.

9. Fill out the TIA firm, Technician, Wind Speed, and Wind Direction fields in the form, and then press **Save**.

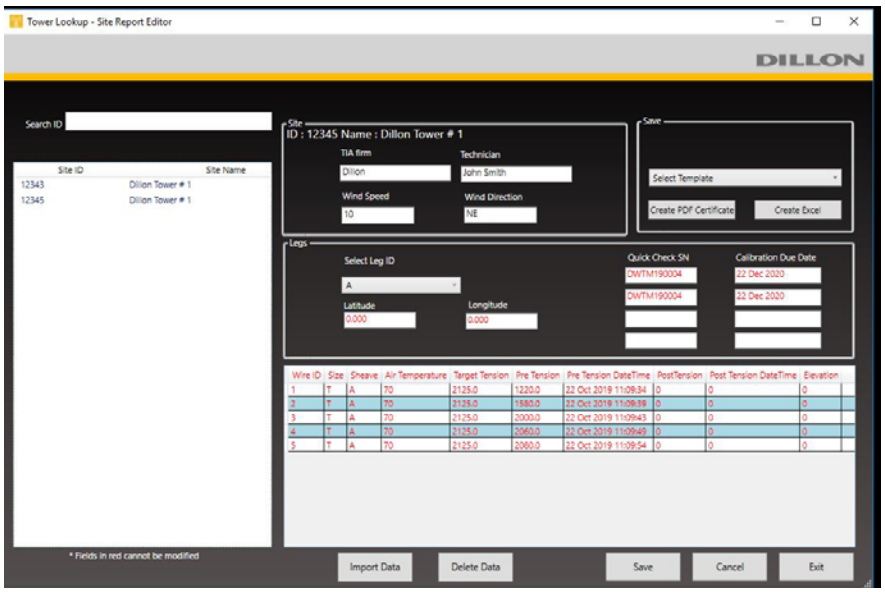

Figure 1.15 Site Report with Site Information Complete

Site Updated Successfully is displayed as a popup.

10. Click **OK** to clear the popup window.

1.5 Export Data

Once the data has been uploaded into Tower Lookup, you can create a spreadsheet of the data or generate a PDF certificate.

1.5.1 Export as Spreadsheet

1. With the correct site selected, choose a template from the dropdown menu in the **Save** window

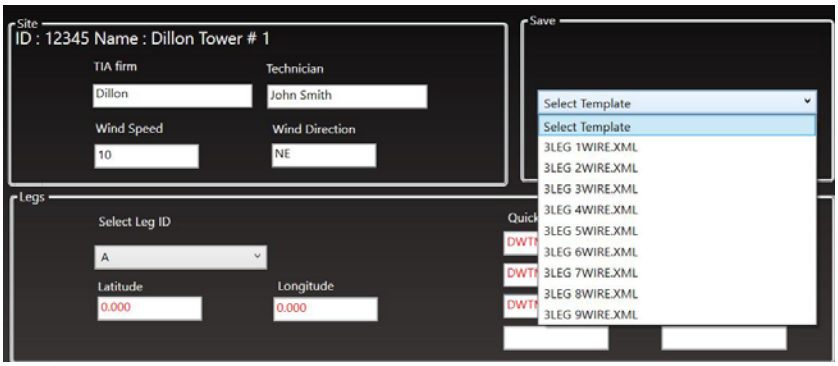

Figure 1.16 Choose Template

The template you choose must match the tower architecture for the site.

2. Click **Create Excel**.
3. Select the spreadsheet you want to export the data into.
4. Click **Open**.
5. Choose the path where you want to save the file to and click **OK**.

   The spreadsheet is created and a popup appears in Tower Lookup to confirm.
6. Click **OK** to clear the popup.

1.5.2 Create PDF Certificate

1. With the correct site selected, click **Create PDF Certificate**.
2. Choose the path where you want to save the file and click **OK**.

   The certificate is created and a popup appears in Tower Lookup to confirm.

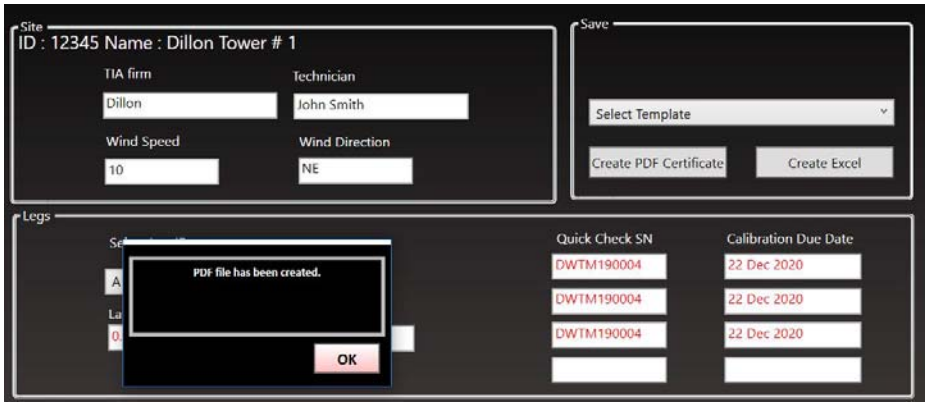

Figure 1.17 PDF Confirmation

3. Click **OK** to clear the popup.

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