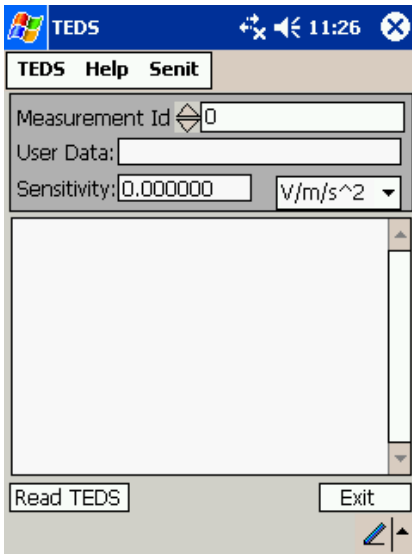


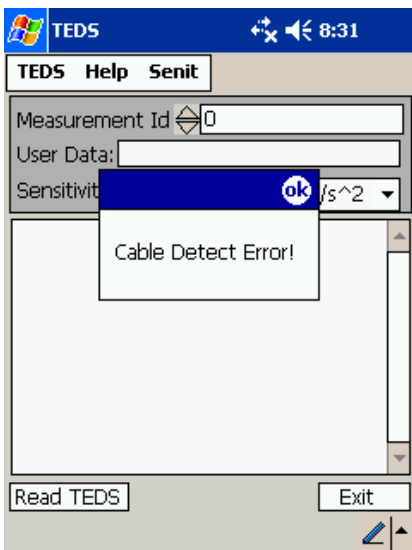
Startup Screen

When the TEDS Reader software is launched, the Startup Screen (also referred to as the Info screen) is the first screen displayed.



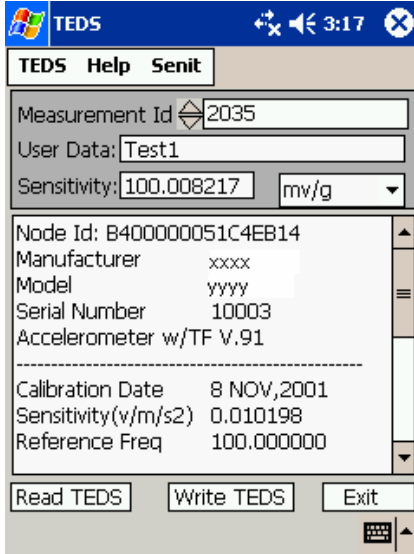
Main Screen

After selecting “ok” on the Startup Screen, the Main Screen appears.



Interface Cable

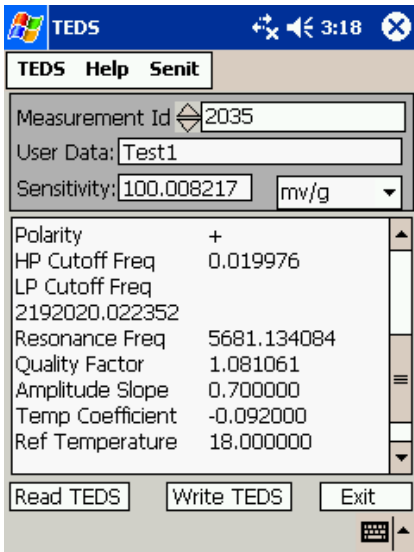
If the user attempts to Read or Write to the TEDS transducer and the Interface Cable is not attached to the PDA (or is defective), a message will appear indicating a cable detection error.



Read TEDS

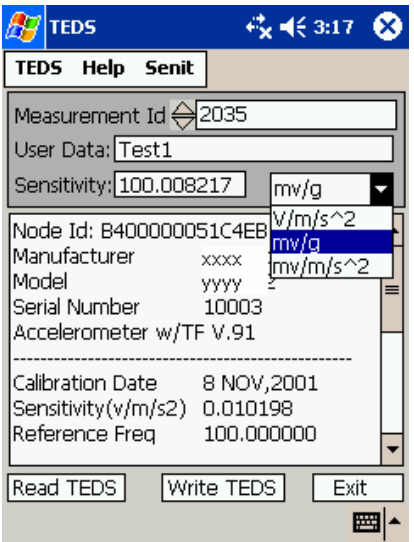
With a TEDS transducer properly connected to the interface cable, selecting the “Read TEDS” button will produce a screen such as this. This screen contains all of the TEDS data that is stored in the TEDS transducer.

The “Measurement ID” and “User Data” fields can be configured by the user and written to the TEDS transducer by selecting the “Write TEDS” button.



Read TEDS

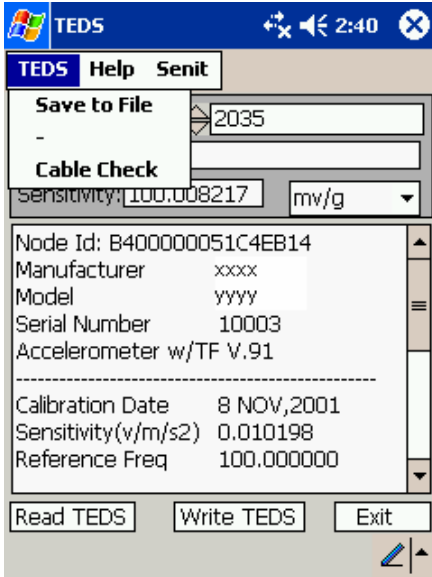
Scrolling down the Main Screen reveals the full content of TEDS information stored in the TEDS transducer.



Sensitivity Units

A pulldown menu for Sensitivity allows the user to select the appropriate units from a list of alternatives. The number in the Sensitivity field is automatically updated to reflect the appropriate units.

The units displayed for the Sensitivity field (e.g. mV/g, mV/psi, etc.) reflect the type of transducer (e.g. accelerometer, pressure, etc.) connected to the TEDS Reader.

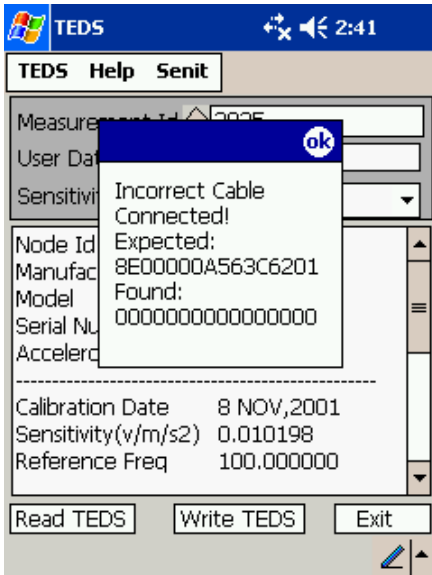


TEDS Menu

The TEDS pulldown menu includes two options.

Selecting “Save to File” will store all TEDS data for that transducer in a file in the TEDS folder. This text file can be imported into a database or spreadsheet. Each time this function is selected, a new file is generated.

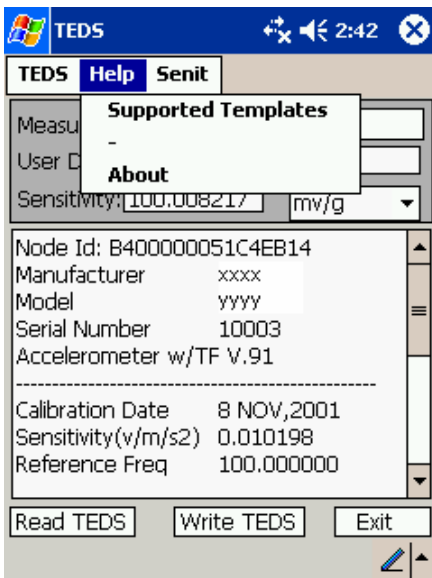
Selecting “Cable Check” will test the Interface Cable connection for proper operation. (See next screen)



Cable Check

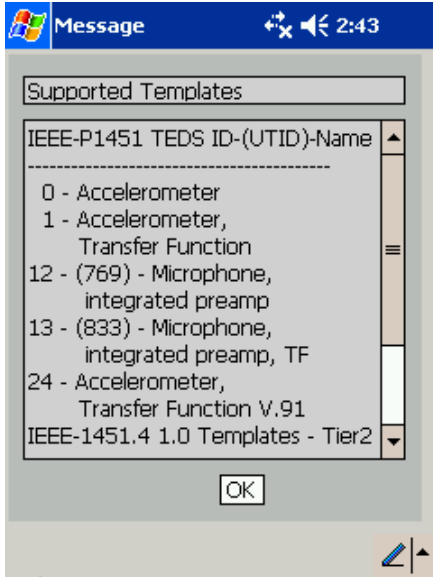
If the Cable Check (see previous screen) test is not successful, this screen will appear. The screen will identify the ID of the cable that is connected and the ID of the cable that it expected. In this case, the incorrect cable is connected to the PDA.

If the Cable Check test is successful, a different screen will appear indicating that the test passed.



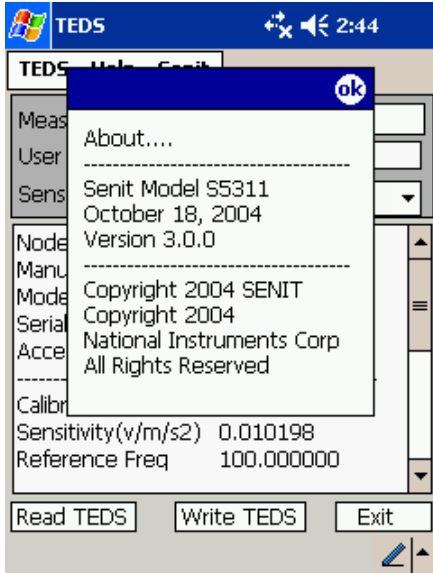
Help Menu

The Help pulldown menu has two options: one is “Supported Templates” and the other is the “About” screen. (See the next two screens)



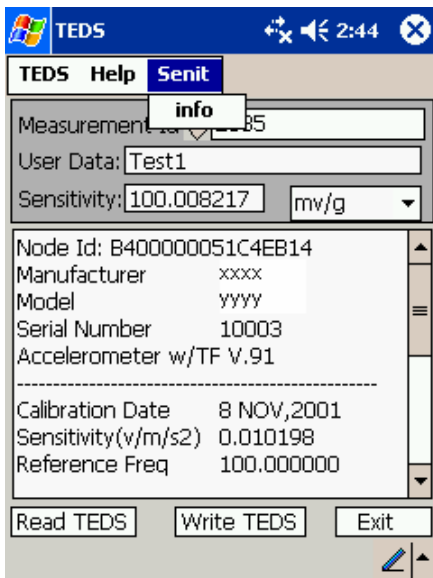
Supported Templates

This screen documents all templates supported by this version of the TEDS Reader. For example, the templates shown on this screen are from the IEEE P1451.4 (0, 1, 12, 13 and 24) and from IEEE 1451.4 Version 1.0 (Tier 2) standards.



About Screen

This screen will provide the appropriate product information, such as model number and version number.

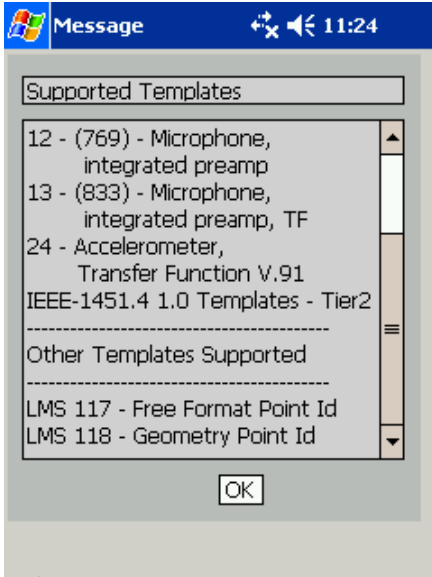


OEM Customer Information

Selecting “Info” on this pull-down menu will display the “Startup Screen”, which contains contact information for the supplier. (See “Startup Screen”)

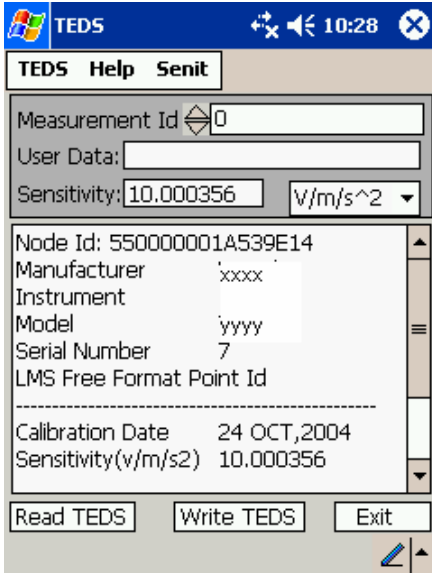
LMS Templates

Two templates developed by LMS International, LMS 117 and LMS 118, are also included. The TEDS Reader will automatically detect and read any of the supported templates.



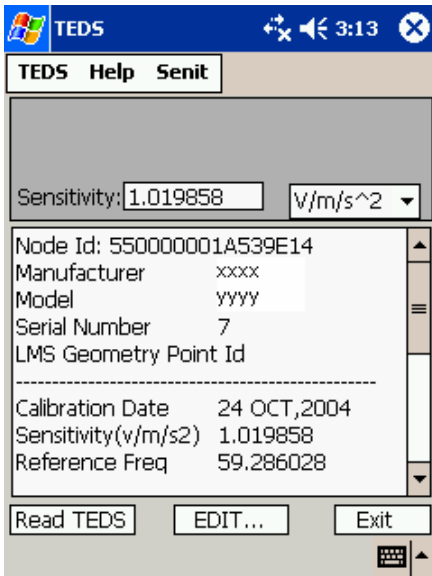
Read LMS 117 TEDS

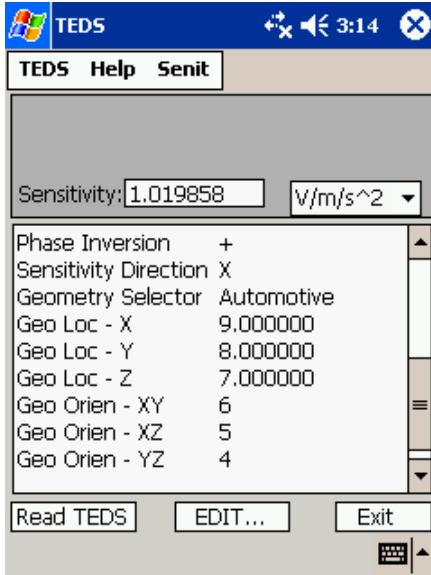
A transducer with template LMS 117 will produce the same Main Screen as that shown under the Read TEDS section described earlier. The only difference is that only the User Data field is available to the user per LMS 117, and the Measurement ID field is not available.



Read LMS 118 TEDS

With an LMS 118 transducer properly connected to the interface cable, selecting the "Read TEDS" button will produce a screen such as this. This screen contains all of the TEDS data that is stored in the TEDS transducer.

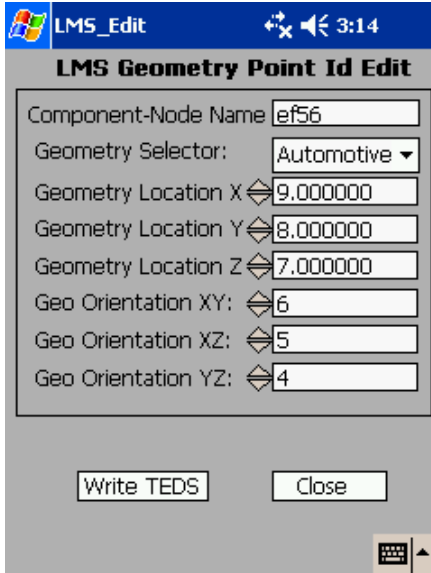




Read LMS 118 TEDS

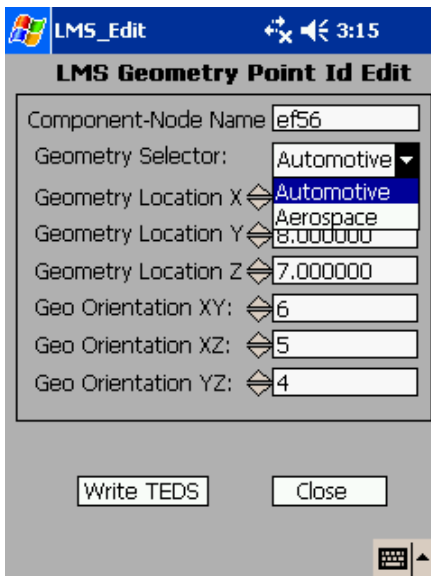
Scrolling down the Main Screen reveals the full content of TEDS information stored in a transducer using the LMS 118 TEDS.

The LMS 118 User Data fields, accessed by selecting the “EDIT...” button at the bottom of this screen, can be configured by the user and written to the TEDS transducer (see the next screen).



Edit LMS 118 TEDS

The content of the data in each of these fields can be modified by the user and written to the LMS TEDS transducer by selecting the “Write TEDS” button.



Edit LMS 118 TEDS

The editing capability includes the ability to select either Aerospace or Automotive.