

**PROGRAM QUIKLOOK REVISION HISTORY**

Program Name	Revision Date	Revision Name	Rev.	User Manual	Verification Manual	Description
QUIKLOOK for Windows			0	TBE-CC-109	TBE-CC-109.1	Original Issue
QUIKLOOK for Windows	07/21/98 10:07:34 PM	1998.201	1	TBE-CC-109	TBE-CC-109.1	New Export to DADiSP Routine Import of VOTES Data Match QUIKLOOK for DOS shortcut keys No quantitative maximum for editing channel sensitivity Associated file extensions, and Icons to launch QUIKLOOK Added Condition Label Maintenance Added Metric Label to data file Synchronized timing when opening QUIKLOOK from an individual channel
QUIKLOOK for Windows	12/28/99 10:11:00 PM	1999.361	2	TBE-CC-109	TBE-CC-109.1	Added toolbar Added marker definitions Added display cursor values for all viewed traces, on plots and clipboard Added custom titles on print and clipboard Added marker sort order Added multi-window function for open traces Added mapping of function keys Added turn-off legend and axis labels Added QA information on plots and clipboard Added channel names to window titles Added marker names above x-axis Enhanced Zoom-In and Zoom-Out functions New Export to Excel (Ver 95 & 97) Routine Upgraded database to Access 97 Upgraded to 32 bit program Removed function to rename *.c00 files (*.c00) Removed function to export file in ASCII format Added option to synchronize trace windows Added auto Y-Zoom
QUIKLOOK for Windows	09/13/00 1:28:46 PM	2000.257	3	TBE-CC-109	TBE-CC-109.1	Added shortcut key <Ctrl I> for zeroing trace Added a .tag file Icon in setup Added to the bottom of a print out the user name and

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						computer names Added additional plotting options; No Cursor and Points, Cursor and Points and Cursor and Points in outline Defaulted "Show Markers" when test files are opened Added Channel Number to caption line in Channel Data Panels Amended numerical format to display three decimal places for a number less than one Corrections: a. Double clicking on channel file in Explorer program crashes b. VOTES zero second test crashes program; time will be determined by file size c. Choosing SENTRY.tag brings and 8-channel QUIKLOOK configuration d. Updating test in the database e. View trace option with some channel data missing f. Drag and drop feature in Configure Test Listing useable in sort fields g. Sensitivity and Offset changes
QUIKLOOK for Windows	02/16/01 11:56:16 AM	2001.47	4	TBE-CC-109	TBE-CC-109.1	Increased length of QUIKLOOK name and Path in database to 250 characters Added Motor Power Calculations Added Grid to display current directory Converted database to use same forms as other tests. Added filters Added Fast Fourier Transform (FFT) Added Calculated Channel. Added Root Mean Square (RMS) Function Added Combine Tests Function Added QUIKLOOK.mdb database for tracking: Plot Configurations Saved Equations Marker Definitions Channel Names Channel Units

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						<p>Overlaid plots with same units use same scale                      Added grouping of Units for Y-axis on plots                      Added Y zooming and Box zooming via popup menu.                      Cursor moves when mouse is clicked anywhere on graph.                      Cursor changed to heavier weight with triangles on ends.                      Preference for cursor and Y-axis Labels matching trace color.                      Default database is Access 97                      Cursor moves one point at a time in full zoom                      Added user preference for line weights for printed graphs and screen                      Added plot setup form used for:                          Saved plot configurations                          Motor power variables                          Trending plots                      Trending plots – added option for sync on time 0                      Added function to save calculated channels.                      Export to excel only selected Channels.                      Export to Excel prompt for save location.                      Close print preview after printing</p>
QUIKLOOK for Windows	09/06/01 10:23:58 PM	2001.249	5	TBE-CC-109	TBE-CC-109.1	Resolved Error Notice 2001.249-1
QUIKLOOK for Windows	10/10/01 9:57:38 AM	2001.283	6	TBE-CC-109	TBE-CC-109.1	<p>Added Section 15, Startup Self-Verification                      Corrections:                      a) After multiple selections of electrical power variables involving calculations in Plot Setup, dependent variables were repeated in the Marker Table                      b) Units in plots were case sensitive, resulting in plot scale changes when changing from one trace to another even though the units were the same                      c) When closing QUIKLOOK with pending changes, if Cancel was selected and No was the response</p>

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						<p>to "Discard pending changes?", QUIKLOOK terminated with error messages. (Error Report 2001.283-1)</p> <p>d) The Test Data panel could not be maximized</p> <p>e) The marker labels above the x-axis did not change color to the designated print color when the plots were printed</p> <p>f) The QUIKLOOK motor power input channel restrictions applied to non-QUIKLOOK motor power test data</p> <p>g) Imported VOTES data allowed duplicate markers</p> <p>h) Find Test – Recent – Open without selecting a test caused the form to be inoperative</p> <p>i) Recent file list didn't include UNC paths</p> <p>j) Numeric marker names were right aligned, non-numeric marker names were left aligned in Marker Table</p> <p>k) Read-only QUIKLOOK.mdb issues resolved</p> <p>l) Combine Tests: selecting any cell brought up edit, even though only the last column was being edited</p> <p>m) Viewing single plots from QUIKLOOK database only displayed first plot selected (Error Report 2001-283-3)</p> <p>n) In Plot Setup, if drag initiated on empty left panel, program terminated</p> <p>Graph copied into MS Word using the Copy to Clipboard function prints incorrectly on Windows 95 or 98. (Error Report 2001.283-2)</p>
QUIKLOOK for Windows	09/11/03 3:39:38 PM Build 1.2.24	2003.254	7	TBE-CC-109	TBE-CC-109.1	
QUIKLOOK II	08/20/04	2004.233	0	TES-CC-140	TES-CC-140.1	Original Issue

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	2:08:14 AM Build 2.1.70					
QUIKLOOK II	12/28/04 11:41:40 PM Build 2.2.14	2004.363	1	TES-CC-140	TES-CC-140.1	<p>Fixed help file so that Find Time help is active                      If only 1 of 6 Motor Power channels is missing an error occurs (fixed)                      Calibrate Sensor - Eliminated need for original graph to be 2 channels. Added combo boxes to select channels.                      Fixed error in Channel Swap form                      Fixed error in Calculate Channel - Load Database                      Added rounding of stroke times to 4 decimal places                      Added Lights to Running Loads – form Items Changed:                          Test Data form                          Running Loads dialog on Analysis menu                          Quiklook.mdb                          Editing Running Loads                          Editing Standards                          List Edits                          Standard Report                      Plot Setup - Fixed resizing form when data is saved                      Board 1 autozero enabled</p>
QUIKLOOK II	08/31/05 8:52:56 PM Build 2.3.22	2005.243	2	TES-CC-140	TES-CC-140.1	<p>If user goes from Display Traces trending to Test Data then QUIKLOOK stays in trending mode (fixed)                      Scroll bars missing from Running Load and Stroke Time dialog (fixed)                      If test is saved before returning to Acquisition mode then test number does not increment (Reference TTS Error Report 2004.363-1) fixed)                      Revised procedure for incrementing test number                      When multiple plots are open Acquisition, Return returns to Acquire mode. Changed to only closes plots                      Change Close on Graph right-click menu to be same as Return                      Calculate Channel - channel list missing when in Acquire mode (fixed)</p>

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						<p>If no Reports present Generic report menu is displayed when traces are displayed (fixed)                      Removed Report menu when Test Listing is active                      Added Computer Name and Computer ID to Help About for Acquisition                      Fixed splash screen for large fonts on new laptop                      Marker List - Click on checkbox to change selected marker                      Fixed errors caused when trying to display a channel with missing channel file                      View markers available in basic Acquisition mode                      Added marker values to Analysis menu                      Changed default acquisition card to QLII                      Annotations - Print color matches screen color not print color if Match Color to Trace is selected (fixed)                      Calibration - Apply Cal changed to replace existing trace instead of opening new window                      If trace selected for cal is not in current window a new window is opened.                      Allow Zero Cal Trace                      Changed tab order for Apply Calibration form and changed Enter key to tab between fields                      Added Trending Mode option to Test Listing form                      Added check for tests created with a later (incompatible) version of QUIKLOOK and flagged them on the test listing                      Changed to prevent editing and displaying tests saved by a later major revision of QUIKLOOK                      Flagged tests which are read-only on the Test Listing                      Added Plot Setup checks for read-only and disabled controls                      Added Test Data checks for read-only and disabled controls                      Cleaned up saves and menus for read-only files                      Added check for read-only to configuration save                      Disabled menus while saving to avoid menu clicks causing errors                      After acquiring a test the value entered for the open TSS is also used for the closed TSS (Reference TTS Error Report</p>

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						<p>2004.363-2) (fixed)                      FFT - Move cursor to 1.7 seconds -&gt; Zero trace -&gt; Standard FFT causes error (Reference TTS Error Report 2004.363-3) (fixed)                      FFT - Custom - Select OK -&gt; Select No -&gt; Menus do not reappear (fixed)                      Short Report - First time showing short report no selection form shows (fixed)                      Uncheck Running Loads also turns off lights (fixed)                      Added Title and prompt to change Title                      Fixed error creating short report - no privilege for temp files for pictures                      Added filename length check for overlap in footer of report and shorten if necessary                      Added Default PDF report names - Use Report name and test ID for filename                      If Plot Setup was closed without opening Test Data and traces were open then menus did not function properly (fixed)                      Changes could be made to plot and if plot closed changes were not saved (fixed)                      If Plot Setup or Test Data are closed without opening the other form all the plots are closed (fixed)                      Save channel - default is now all checked                      Removed second prompt                      Changed QUIKLOOK default to basic version unless preference is checked                      Plot Setup - If only 1 trace now Single Pane for Y Zooming                      Added Technician and Type of Test to Test Data                      Added Data to Acquisition form, Replay Data form and Combine Tests form                      Small fonts on display and new install crashes QL on Running Loads &amp; Stroke Times form (fixed)                      Disabled menus on QUIKLOOK startup until after Test Listing shows                      Changed Annotations default: If you choose "y value with</p>

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						<p>prompt" and you are on the thrust trace @ c14, default is "-12,000 (lbs) thrust @ c14"</p> <p>RMS and MPM Autozero function used 1000 points = 60 cycles at 1000 hz and 6 cycles at 10,000 hz. Changed to always use 1 second - 60 cycles.</p> <p>Quiklook.Log created with preference to turn on/off. All tests acquired are logged even if test is not saved. Items Logged: Date, Time, Primary Name, Description, Technician, Seconds,</p> <p># Channels, Filename, Program Rev, Computer Name, Computer User</p> <p>Differential input with excitation -&gt; Units do not change on Config screen and on Replay - missing mv/v (fixed)</p> <p>Load Config should go to last tag not last test (fixed)</p> <p>Changed to save changes on Windows shutdown</p> <p>Trigger was 32 samples (~2 Cycles).</p> <p>Testing shows that @ 2,000 Hz no problems</p> <p>@ 5,000 Hz Triggers @ 90% Trigger Value</p> <p>@ 10,000 Hz Triggers @ 75% Trigger Value</p> <p>Changed # Trigger Samples to be (Test Frequency/Line Frequency) * 3</p> <p>Moved save icon next to printer icon in Analysis mode</p> <p>Added different backgrounds for Desktop and Acquisition versions</p> <p>Added Delta Y and Loads to Running Load form</p> <p>Preferences - Changed "Show Test Data Form" to "Advanced Mode"</p> <p>Added check for write privileges for Units and Line Frequency - Disable for no privilege</p> <p>Moved Plot Line Weight preference to Graph Color tab</p> <p>Added Cursor and Marker Line Weight Preference to Graph Color tab</p> <p>Added preference for selecting save channel:</p> <p>Save Test immediately after acquisition</p> <p>Added Create Test Log File</p> <p>Added temp directory for report pictures</p>

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						Added feature that can apply an open and close calibration on a single trace
QUIKLOOK II	09/29/05 7:05:55 AM Build 2.3.26	2005.272	3	TES-CC-140	TES-CC-140.1	Revised to resolve Software error notice 2005.243-1
QUIKLOOK II	07/12/06 7:20:37 PM Build 2.3.44	2006.193	4	TES-CC-140	TES-CC-140.1	<p>Preferences:                      Added Preferences for Save Confirm prompt after Acquire                      Changed Custom Filename mode to include tracking test numbers on a directory basis</p> <p>Acquisition:                      Added Excitation Check using new device                      Added shortcut keys for Enable &amp; Disable Trigger in Acquire screen</p> <p>Configuration:                      Default Setup checks for a Default.Tag file to use for default before hard coded defaults</p> <p>Replay:                      Changed Test Type "Accidental" to "On Demand"</p> <p>Analysis:                      Adding Standards - Clicking on item selects item                      Added Motor Power Calculation using Line voltages</p> <p>Bug Fixes:  <u>Error Notice 2005.272-1</u> – If Pre &amp; Post Trigger were used &amp; only channels 9 – 16 are used. Multiple Triggers not performed correctly.  <u>Error Notice 2005.272-2</u> – If a previously saved calculated channel is deleted. Then a new calculated channel added and saved. If test is not saved after adding channel then errors may occur during adding markers or saving test. Test files may become corrupt during save.                      Calibrate Sensor form with missing markers message: fixed form to hide all controls                      Filespec box on Test Data form shrinks when navigating tests. – Occurs in Windows XP Only                      Add marker c14 as user marker prompts to add even</p>

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						<p>though it exists in close markers                      If Alias or Volume &amp; Compression attributes are checked on a file then the test is displayed as read only                      If a plot is renamed with zoom on marker checked then the new description includes the zoom twice in the description                      Save ICON doesn't work in Acquire mode (Does not show Disabled if data saved)                      Move Zero Icon Available in Trending mode with one test shown – Should not be available. Icon removed for trending mode                      Monitor: Test Menus were sometimes disabled when the form was closed.                      When filename type was not set to default duplicate test numbers might occur.                      Calculate Channel - Database Link - If a non-text field is selected for the link field then an error occurs. Link field list limited to text fields only                      Display traces in 2 windows - Zoom in - Locate Marker only moves cursor on one trace                      Combine Test - If save mode is set to C00 &amp; CDB only then save fails on combine test                      If File -&gt; Preferences selected when Preferences form is already opened an error occurred                      If File -&gt; Preferences selected when no form is opened then an error occurred                      Saved Trending Plots - Changed Title did not redisplay</p>
QUIKLOOK II	09/26/06 2:31:52 PM Build 2.3.55	2006.269	5	TES-CC-140	TES-CC-140.1	Revised to resolve software error notice 2006.193-1