

Combined Program

Changes and Enhancements



V2.0.9 Sept. 15, 2009

- Corrected a problem with 4Meg Rev I tools that caused the download to report No Surveys. If user selected download again surveys would appear as normal.

V2.0.8 Sept. 10, 2009

- A message is displayed if trying to download or program without a tool plugged in.
- Corrected a problem which caused the program to display an error "WinUsb.dll not found" when starting the program without having plugged in a tool yet.

V2.0.7 Sept. 2, 2009

- Removes the saved 3MegHTQtz tool image file when done Downloading or Programming.
- When starting Download or Program, program makes sure 3MegHTQtz image file does not exist.

V2.0.6 July, 2009

- Changed the driver set from Ezusb.sys to Winusb.sys.
- Made Combined program 64 bit compatible.
- Added new 4Meg Rev II USB Tool to Combined.

V1.8.7 Feb., 2009

- Added the ability to have different comments for the top and bottom recorders.
- Program will read both the new comment format (top/bottom) and the old format (single comments).

V1.8.3 Dec. 2, 2008

- Corrected problem in Graph routine when adding/saving stops. Program would error with "Seek failed on an unnamed file."
- Corrected a problem with Surface Logger combining surveys that start and end on the same page.
- Changed the order in which the Parallel tool writes the program table. 1st the data is erased, 2nd the new program table is written to the tool, 3rd program table is verified.

V1.7.5 ??

- Corrected problem in Graph routine when adding/saving stops. Program would error with "Seek failed on an unnamed file."
- Corrected a problem with Surface Logger combining surveys that start and end on the same page.
- Changed the order in which the Parallel tool writes the program table. 1st the data is erased, 2nd the new program table is written to the tool, 3rd program table is verified.

V1.7.4 (3MegHTQtz) April 25, 2008

- Added 3MegHTQtz tool to the Download routine. This was to give Jeff the ability to test the new tool.
- This version is not intended for release.

V1.7.3 April 23, 2008

- Fixed a pointer calculation error. This pointer is used to determine where we are in the tool memory.
- Put the Parallel tool back into the program. It was removed for testing of the 3MegHTQtz, which uses the same interface number (1) as the Parallel tool. For now they can not be used together in the same program.

V1.7.2 March 13, 2008

- Fixed a problem with ViewData routine. This routine requires .Net 2.0 be loaded onto user system.
- Put a copy of dotnetfx.exe into the setup routine and on the internet.

V1.7.1 March 13, 2008

- Fixed problem of Battery ON time not setting correctly first time into Combined.
- Fixed problem with Serial Tool that would cause the Flash Store ON flag to be set to OFF.

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- This would cause the tool to not store any readings, even if there was memory available.
- Added ability to import CSV files directly into Excel after they are made without exiting program.
- Added ability to display HTML report files with Explorer after they are made.

V1.7.0 February 24, 2008

- Added new 4Meg Rev I USB Tool to Combined.
- Removed "Do you want to exit?" when finished programming tool.
- Added Current Version and Date of Combined to bottom of Program Table page.
- Changed program to use .INI file instead of registry to store User Preferences.

V1.6.4 January 16, 2008

- Fixed issue with View Data routine running on the Vista Operating System.
 - Program would display message the file "~top~.tmp" could not be found.
 - This is because of security setting within Vista that do not allow files to be created in the application directory under Program Files.
 - The "~top~.tmp" file is now created in the user's temp directory instead.
- Fixed problem in Create CSV File routine.
 - CSV file created contained errors due to a bad file pointer.
- Added routine Image Tool to File under Menu => View.
 - This routine currently only works with USB Tools (Downhole and Surface Loggers).
 - This routine creates a complete image of the tool memory, at least 2 blanks pages past reported end of data, which is saved to a file in an encrypted format.
 - The saved file is to be emailed to Support where it can be decrypted and analyzed.
 - Default filename = Serial # + _ + Today's date(yyymmdd) + .ET0
- Fixed problem with USB tool that would cause surveys to run together if one survey ended on the last line of the middle of the page and the next survey started on the next line.
 - This error started to occur when the Rental/Audit flag was put in place.
 - The USB tool should be leaving a blank half page if the survey ends on the last line of the middle or bottom of the page, but this does not always happen so it has been corrected by the software.
- Changed the Status Bar to display a message when Printing Reports, HTML or Printer, so user knows something is happening.
 - These routines can take a couple of minutes to produce the output files.
- Changed Filter for graph routine to Graph Filter under Menu => View.
- Removed Synchronize button from Gradient Report form.
 - Program automatically synchronizes data.
- Changed the default filename to save a Program Table:
 - Default filename = Serial # + _ + Today's date(yyymmdd) + .txt
- Changed the format of the saved Program Table file to line up columns correctly.
- Changed Datum Depth to Top/Bottom Run Depth on all reports.
- Changed most AfxMessageBox pop-ups routines to MessageBox pop-ups.
 - This allows the message titles to be changed to classifications instead of just "Panther Probe Software Application". This hard coded message title is a problem when changing application to Leutert LMG.
 - This allows for more meaningful messages to be displayed.
 - Some AfxMessageBox pop-ups could not be changed because of their location.

V1.6.3 December 10, 2007

- Released only to Leutert to correct problem with Bar.

V1.6.2 November ??, 2007

- Changes were made before this version got released.

V1.6.1 November 19, 2007

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- Added Header Comment field which is saved/loaded with the Header Data.
- Replaced Field with new Header Comment on all reports.
- Removed On/Off Bottom Time entry fields from all screens except Edit Date/Time.
 - On Bottom Time is set to Battery On Time by default.
 - Off Bottom Time is set to Battery On Time plus Delta Time.
- Changed all date formats to yyyy/mm/dd.
- Created a routine that allows user to change the display format (number of decimals) for Delta Time, Pressure, and Temperature. Default is 4 decimals. Saved as a user preference.
- Added new conversion format "Bar" to SI Units. Saved as a user preference.
- Added Bar calculations to all routines, views and reports.
- Changed SI Units from Radio buttons to Check boxes.
- Removed the check mark from the menu item SI Units, this gave the appearance that the SI Units could be turned On/Off like the Tool Bar and Status Bar.
- Added new filter routine to allow user to enter the total number of samples they want.
 - This is a straight forward division of total samples by desired number of samples, keeping only the closest sample.
- Changed Filter DT0 routine to always keep the 1st sample when filtering by nth samples.
 - nth samples are counted from the 1st sample.
- Changed Setup program to add Start In directory to short-cut so the application always starts from this directory.
- Corrected error when printing reports with comments.
- Programming Tool – changed status line to display "Ready" if user selects "Cancel".
- Created a new Combine DT0 Files routine for In-house use only.
 - This program will allow the user to select more than just 2 files.
 - They can select an entire directory or files from different directories to produce the output file.
 - Additional time can be added between each combined file.
- Removed "Add Time to DT0" from under Menu => View options.
 - This will now be only in the In-house version.
- Removed "Split DT0 File" from under Menu => View options.
 - This will now be only in the In-house version.
- Changed View Data routine to use Microsoft® WordPad to display file.
 - If ViewData.exe is not found in the application start directory the original listbox function will be used.
 - User can display Top and Bottom files side-by-side using this routine.
- Changed the ASCII File routine to allow user to choose if they want to include the Date/Time Stamp.
- Changed the ASCII File routine to allow user to choose if they want to display to file when it has been created.
 - If they choose to display the file it is displayed using ViewData.exe and Microsoft® WordPad.
- Changed the CSV File routine to allow user to choose if they want to include the Header and/or Comments in the output file.
- When creating CSV files users is warned if more than 65535 lines are created.
 - Excel can only handle 65535 lines.
- Changed the Status Bar to display a message when creating View Data, ASCII, and CSV files so user knows something is happening.
 - These routines can take a couple of minutes to produce the output files.
- Changed the Download routine for USB tools so that when the user selects to download a USB tool the program records the Rental/Audit information before the survey is even downloaded.
 - This function works just about the same as the Serial tool routine.
 - Once a survey's Rental/Audit information has been recorded a flag is written at the beginning of the survey so we do not download it more than once.
 - The flag is 01 FF FF FF ..., if the survey has not been downloaded the survey starts as FF FF FF FF ...
 - If the user does not go into the download routine, but reprograms the tool, the Rental/Audit information is recorded before the tool is reprogrammed.
- Fixed error in Gradient Report program that was causing the samples to change when user pressed Synchronize button.
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