

>>> For SS Visual 5.0 and Earlier

SuperSMITH Visual Revisions:

'5.0DT - 23 Dec 2021 (File Version 5.0.0.420)

'Consistent with SSW revisions

'5.0DS - 28 Oct 2021 (File Version 5.0.0.419)

'Consistent with SSW revisions

'5.0DR - 04 May 2021 (File Version 5.0.0.418)

'LABEL Y-AXIS: Transposing for Side-By-Side label senses all colors in font

'5.0DQ - 12 Oct 2020 (File Version 5.0.0.417)

'Consistent with SSW revisions

'5.0DP -25 May 2020 (File Version 5.0.0.416)

'Color Choices: Expanded/Improved selection

'5.0D0 - Skipped

'5.0DN -06 Apr 2020 (File Version 5.0.0.414)

'Update of Language Files

'5.0DM - 30 Mar 2020 (File Version 5.0.0.413)

'Chi-Squared Solution: Now handles up to 32000 degrees of freedom, esp. for Abernethy Risk (R. Schop)

'New Program: Added SuperSMITH(R) Dice access

'5.0DL - 20 Jan 2020 (File Version 5.0.0.412)

'Print Setup Delay: Removed beginning delay for printer access

'5.0DK - 07 Oct 2019 (File Version 5.0.0.411)

'Automatic Point Quantity Merge: Changed logic for better use of absolute value (A. Jochimczyk)

'5.0DJ - 21 Jan 2019 (File Version 5.0.0.410)

'Consistent with changes in other SuperSMITH(TM) software

'5.0DI - Skipped for disambiguation

'5.0DH - 24 Aug 2018 (File Version 5.0.0.408)

'Consistent with changes in other SuperSMITH(TM) software

'5.0DG - 05 JUN 2018 (File Version 5.0.0.407)

'Drop-Down Menus: Matched cursor with highlight

'Grid Menus: Replaced checkboxes with asterisks for future larger formatting

'Right Mouse-Button: De-activated exit question

'Number Entry Box: Increased size in preparation for new bigger icons, etc.

'5.0DF - 7 APR 2018 (File Version 5.0.0.406)

'About/Opening Screen: Improved language translation

'DEMO: Added "Paste" icon for DEMO to FULL Special Name input

'DEMO: Removed Change From Full To DEMO

'Former Results: Added unique file names to avoid filename "collision"

'Languages: Added new words for About / Opening screen

'5.0DE -- 03 MAR 2018 (File Version 5.0.0.405)

'Calculator: Added "H...Gaussian (Normal)" option

'Code: Changed subroutines starting "wpgage", etc. to "ParamBoxSSW_P", etc.

'Data Identification on Plot: Added to on-plot zoom capability (per T. Marquart)

'Display: Added plotting indication in header for large slow-loading data sets

'DEMO version: idemodatareal% changed to idemodatachange%

'DEMO version: Data altering includes input Y-Values

'Error Checking: Added to routines accessed with Form2.Picture1 (the plot)

'Former Results: Assigned top of image as first location of main results

'Language: Added "Home" to translatable words

'Output: Save Parameter Only To Clipboard enhanced to add Marker Line values

'Output: Save Parameter Only To Clipboard added to Visual for Crow/AMSAA values

'5.0DD -- 07 AUG 2017 (File Version 5.0.0.404)

'Conversion from text to value: Improved robustness for very large number entry

'Languages: Clarified entries for French and German

'Languages: Fixed issue with disappearing point sequence #'s in data grid

'Languages: Removed some "compound" words, & replaced with individual words

'Marker Points: Improved retention of points in file

'Warranty Data Import: Clarified menu choices for input format

'Function / Transform: Improved XL (X Last) and YL (Y Last) usage

'5.0DC -- 21 APR 2017 (File Version 5.0.0.403)

'About Box: Changed background color of "Yes, I agree..." section to yellow to match

'Drag-For-Select Label: Turned off for results display

'Language Processing: Improved translation for Abernethy Risk output

'Language Words: Added "Execution" (Performance) and to associated LANGFILES

'Option Explicit: All code now invokes Option Explicit

'Set Label Edit: Removed label selection issue with extra labels selected

'Standard Number Display: For #'s between 0.1 and 1.0, reduced to 4 sig figures (was 7)

'Start/About Box: Clarified messages

'Zoom: Clarified menu items F and H

'Zoom: Hide set feature enhanced to add all yes or all no selections

'Bar Graph: Removed bar borders for high density plot improving display

'5.0DB -- 09 FEB 2017 (File Version 5.0.0.402)

'Menu width: increased width of menu due to truncated display on some machines

'Number Entry: Clarified increment description

'Touch Slider: Now interfaces with Big Information Display text box

'Bar Chart: Improved bar color and label alignment for set quantity above 20

'5.0DA -- 06 JAN 2017 (File Version 5.0.0.401)

'Data Import: Data quantity set to zero (deleted) when input quantity is zero (per Alfred Jochimczyk)

'Marker Point Addition: Removed nuisance appearance of first point during addition

'X-Axis: Log-Scale numbering improved for more appropriate display (per Ron Gaddy)

'Crow/AMSAA Parameter Box: 'Removed phantom print of previous values (per Ron Gaddy)

'Crow/AMSAA Parameter Box: 'Added item to menu for edit of MTBF/RATE display (per Ron Gaddy)

'5.0CZ -- 24 OCT 2016 (File Version 5.0.0.3.26)

'Menu Option Boxes: Removed possibility of lingering images upon plot selection

'Setup Menu: Added menu item for Change DEMO to FULL

'5.0CY - 11 SEP 2016 (File Version 5.0.0.325)

'FileName: Eliminated possibility of change of default data filename to function filename

'5.0CX - 15 JUL 2016 (File Version 5.0.0.324)

'File Save: Restriction added to prevent Visual overwriting Weibull file

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'Help Menu: Added icon in HELP group for About

'Help Menu: Consolidated menu items from 7 to 4 compatible with icon quantity

'Language Translation: Created separate module for language options (SMITH_5L.BAS)

'Language Translation: Created Function-fs_LangLogic(smessage) in SMITH_5L.BAS

'Label/Style Edit Buttons: Enlarged and consolidated for easier touch operation

'Label/Style Icon on Large Plot: Added to improve accessibility

'Merge Sets: Undo available immediately after merge

'Merge Sets: Point labels retained

'Number Display: Improved display on plot and report

'Plot: Added Label/Style Icon on large plot to improve accessibility

'Plot: Added Output/Export Icon on large plot to improve accessibility

'Plot: Added Okay/Exit Icon on large plot to improve accessibility

'Plot: Display of Suspensions and Discoveries expanded to include on bottom scale

'Plot/Edit: Improved H... Hide/Display of points

'Setup Icon: Changed image to reflect more modern laptop computer

'Setup Menu: Added item "W...Display Options ... On Big Plot"

'Weibull Library: Defaults to file name different than data file

'Zoom Menu: Changed "G..." item to "W...Display Options ... On Big Plot"

'Zoom: Added size-changing box to indicate zoom

'Sample/Simulate: Crow-AMSAA sample triggers C-A solution automatically (C. Tarum)

'Dimensions: Changed minimum quantity of points in data set to 1000

5.0CW --26 JAN 2016 (File Version 5.0.0.323)

'Control-Box Buttons: Enlarged for easier touch operation

'Data Grid: Midsize button enlarged for easier touch operation

'Former Results: Expanded from 4 maximum to 20 maximum

'Former Results: Removed plot title from file name for retrieval

'Help Menu: Changed "L...Information Display (Big / Small)" to item "K..."

'Setup Menu: Added item K, "Information Display (Big / Small)"

'Program Exit Button: Updated display of button name for mouse

'Zoom: Enlarged Icons for Output Display Choice On Big Plot

5.0CV -- 14 DEC 2015

'Weibull Library: Changed menu item letter for "Clear Clipboard"

5.0CU -- 3 DEC 2015

'Code Change: Sub chkdecimal moved from SMITH_1A.BAS to SMITH_2A.BAS

'Code Change: Sub fylprodrateout moved from SMITH_1A.BAS to SMITH_4A.BAS

'Code Change: Sub fylprodrateout1 moved from SMITH_1A.BAS to SMITH_4A.BAS

'Code Change: Sub fylusagerateout moved from SMITH_1A.BAS to SMITH_4A.BAS

'Code Change: Sub fylusagerateout1 moved from SMITH_1A.BAS to SMITH_4A.BAS

'File Check: Changed so that "\\" on the front of a path is okay

'Icon Layout: Removed option for old icon layout in Setup section

'Labels Above Tabs: Added for clarity

'[Mouse Wheel](#): Capability added for data grid and number input box (by Carl Tarum)

'Output Icon: Added to large plot display

'Removed nuisance display of the word "Select"

'Transform: Added "Histogram From 2-Axis" to convert curves to histograms

5.0CT --- 2 MAY 2015

'Screen Resolution: Changed obvious screen resolution variables to LONG type

'Outlier Calc: Changed calculation variables to LONG type

'Double Precision to Single: Mitigated VB6 Cmsg() hang issue for value 2

5.0CS - 17 APR 2015

'Number Display: Removed error display issue with number display format

'Zoom: Disconnected X-Value zoom from Y-Value zoom (per D. Keisic)

'Zoom: Added icon for X-Range + Y-Range Lock on regular large plot display (per D. Keisic)

'Zoom Menu: Added option to display Zoom icon added above (Yes/No)

'Zoom Menu: Added icon for X-Range + Y-Range Lock

5.0CR - 26 Mar 2015

'Button Menus: Exit now restarts originating menu to re-display option boxes

'Line Display Menu: Added option for Label Pointer Line Maximize (=Yes/No)

'Parameter Box: # display agrees better with requested accuracy (per A. Jochimczyk)

'Plot/Report Tabs: Enhanced Display

'Terminology: Clarified Plot/Report icon and tab cursor-movement messages

'XY Plot: Removed nuisance array overrun for maximum set points

5.0CQ - 19 Jan 2015

'Data grid: Removed grid moving when button-menu selected

'Parameter Box: Improved number display (Alfred Jochimczyk)

5.0CP - 09 Dec 2014

'Icon Layout: Moved HELP... and ADDITIONAL... icons left to match SSY

'List Color: Changed to match SSY

'Menus: Added "Slide-Select" for improved touch-screen operation

'Set Labels: Contour plot no longer changes lowercase "x" to uppercase "X"

'Zoom Menu: Changed "Automatic Reset" menu item to "Automatic Total Reset"

'Zoom Menu: Added icon for "Automatic Total Reset"

'Zoom Menu / Add Data On Plot: <Esc> or (X) returns immediately to Zoom menu

'Tabs Over Results Box: Enlarged vertically + added highlight for active selection

'Zoom: Restored "X" box on plot for exit for menu options "C" and "D"

'Other changes compatible with SSW'Other changes compatible with SSW

5.0CN - 14 May 2014

'Monte Carlo Confidence: Consolidated trial quantity input between SSW and SSV

'Monte Carlo Seeds: Converted to 4 seed numbers and re-activated seed setting

'Monte Carlo Confidence for Crow/AMSAA: Confidence menu allows trial quantity input

5.0CM - 25 Mar 2014

'Color Edit: Added icon on plot for Label / Style edit

'Former Results: Added capability to overlay with Active Results

5.0CL - 20 Jan 2014

'Consistent with SSW changes

5.0CK - 02 JAN 2014

'Batch Process: Added alternative Crow/AMSAA output formats (per Vicky Peralta)

'Chi-squared routine: Nuisance iteration messages removed

5.0CJ - 04 Dec 2013

'Consistent with SSW changes

5.0CI - Skipped for clarity in version numbering

5.0CH - 04 Nov 2013

'Crow/AMSAA: Improved growth significance message in report (per Clint Grafelman)

5.0CG - 03 Sep 2013

'Consistent with SSW changes

5.0CF - 22 July 2013

'Consistent with SSW changes

5.0CE - 10 Jun 2013

'File Access: Can input '.W' or '.V' file without extension entered

5.0CD - 23 Feb 2013

'Improved YBath compatibility

5.0CC - 22 Feb 2013

'Help file changes

5.0CB - 22 Jan 2013

'Changes Compatible with Weibull 5.0CB

'MTBF: Can enter own acronym for expected occurrence interval (for Larry Tyson)

5.0CA - 30 Nov 2012

'Automatic Data Order Caution: Moved menu item from Start Lock Options to Setup Menu

'BATCH PROCESSING: Reinstated -zX1_X2_Y1_Y2 zoom set functionality

'Compatible with SSW

5.0C - 20 Sep 2012

'Set Label Edit: Removed possibility for "Label 0" edit

5.0BZ - 13 Sep 2012

'Languages: Changed name from "Default" to "Default English [American]"

'Plot Label Characters: ",", "X", and space " " are now decoded from temporary file save

'Zoom Menu: Added menu option "G..." function to menu option "F..." (Removed option "G")

'Crow/AMSAA: Added label edit option to hide MTBF/RATE in parameter box (per Schop)

5.0BY - 5 MAY 2012

'Help File: New comprehensive HELP released for 5.0BX version

'Help File: Changed name of "Flow Chart" to "Best Practices Guide"

'Help File: Easier SSW and SSV access to Best Practices Guide (Analysis Wizard - Flow Chart)

'Abernethy Risk: Reinstated ability to choose pre-set usage rate options (D, H, M, Y)

'Zoom: Added point label option to view point as point value instead of symbol

5.0BX - 21 Apr 2012

'Chi-Squared: Added chi2choose subroutine to select between Chi-Squared methods

'Chi-Squared: Added chi2CDFchoose subroutine to select between Chi-Squared methods

'Chi-Squared: Added chi2DOFchoose subroutine to select between Chi-Squared methods

'File Input: Improved automatic report analysis of multiple data sets

'Former Results: Green checkmark now activates

5.0BW - 7 Apr 2012

'Data Import: Improved import of text files

5.0BV - 15 Mar 2012

'API: Eliminated only API call ... per Carl Tarum

'File Save: Added filename to data in file (helps with Former Results) ... fylflpnamelasts\$, fylflnamelasts\$

'Main Screen: Improved transition from Maximized to Normal

'Zoom: Added arrow buttons for X-Range And Y-Range Lock: Select On Plot (requested by T. Marquart)

'Zoom: Added reset-to-automatic button for X-Range And Y-Range Lock: Select On Plot

'Additional Probability Plot: Changed automatic range to reduce range closer to data

5.0BU - 23 Dec 2011

'Consistent with SSW changes

5.0BT - 13 Dec 2011

'Function Save: Changed default filename to avoid conflict with data filenames

'Function Code For Curve Fit: Improved for POWER fit

5.0BS - Skipped

5.0BR - 30 Nov 2011

'Function Save: Changed default filename to avoid conflict with data filenames

'Function Code For Curve Fit: Improved for POWER fit

5.0BQ - 25 Oct 2011

'Consistent with SSW changes

5.0BP - 15 Oct 2011

'Consistent with SSW changes

5.0BN - 1 Jun 2011

'Consistent with SSW changes

5.0BM - 28 Jun 2011

'Softcopy Total Report (and standard Report): Tab lineup improved

'Data Grid: Improved Data Wizard selection range

5.0BL - 1 Jun 2011

'Zoom/Point Symbol Display: Added 'Slow Point Display' option to menu

'Crow/AMSAA: Removed nuisance error message with MC Confidence for grouped data

5.0BK - Intermediate version - not generally released

5.0BJ - Intermediate version - not generally released

5.0BI - 22 Jan 2011

Label Edit: Label-only filename saved to configuration file

Plot: Point colors can now be assigned according to point label

Plot: Point symbol rendering adjusted for stronger outlines

Plot / Report / Table Tabs: Added A...Activate Plot (or Report) to menu

Warranty: Expanded alternate orientations (MOP-MIS, MIS-MOP, MOP-MOA, MOA-MOP, etc.)

Warranty: Improved import of data with blanks

C/A Forecast: Expanded to allow one item being replaced within interval (Motorola Mexico)

5.0BH - 15 Nov 2010

Label File: Separated from retention of data file name

Plot/Report/Table menu: Clarified options

Quality Limit Comparison: Now has option for cPk as well as PPM

Report Tab (top of results box): Now accesses Plot/Report/Table menu

Crow/AMSAA Fulton Risk: Removed nuisance reversion to Abernethy Risk menu

Crow/AMSAA Fulton Risk: Coordinated all variable sequence input menus

Crow/AMSAA Fulton Risk: Improved correlation between different output ranges (check 18WHEELR-AR6.W)

Crow/AMSAA Fulton Risk: Added capability to display fit line corresponding to new fit line parameters

Crow/AMSAA Fulton Risk: Added time to next event to output display

Crow/AMSAA menu: Removed item W...Hide Confidence / Instantaneous Line ...

Zoom: Line Add allows temporary vertical marker lines for Crow/AMSAA

5.0BG - 9 Oct 2010

DEMO: Input data alteration magnified

DEMO: Only one program needs to be unlocked for all to be unlocked

Data Grid: Synchronized display of selected data points before/after screen re-size

Menus: Highlighted selected menu option box choices with capital letters

Precise Reading: Expanded capability to read from marker lines

Crow/AMSAA Fit Menu: Expanded input data types (D...Input...)

Crow/AMSAA Fulton Risk: Expanded capability to be similar to Abernethy Risk

Crow/AMSAA Fulton Risk: Changed name to Fulton Risk

Crow/AMSAA Fulton Risk: Moved menu item K...Back To Crow/AMSAA ... to Y...Back To Crow/AMSAA

Crow/AMSAA Fulton Risk: Changed menu item N...Item Quantity Expected ... to N...Present Item Quantity ...

File Import: Auxiliary plot capability expanded to accommodate more marker lines

5.0BF - 2 Aug 2010

Zoom: Added a menu selection for X-Axis value standard scientific format ($1E+6$) or (1000000)

Zoom: Moved items (Suspension + Discovery ..., Plot Side Symbol ...) to Point Symbol Display menu

Label/Style Edit: Added Line Edit Icon (Next To Symbol Edit Icon)

5.0BE - 10 Jul 2010

DEMO: Curves now smooth for auxiliary plots (LR Contours, Abernethy Risk, & Optimum Replacement)

File Name Reset: Auto program launch resets filename

5.0BD - 7 Jun 2010

Labels: Improved high-resolution aspect ratio of label boxes for first file load

Menus: Removed appearance of selection boxes after selection is made

Zoom: Made X-scale changes easier to implement

5.0BC - 15 May 2010

Clipboard: Improved robustness for sending text to the clipboard

Drop-down Menus: Increased width for language changes

HELP File: Improved system finding of file location

Opening Screen (About): Clarified lower button

Plot Grid: Added option for Grid Line Size Lock in Label/Style selection and in menu for plot line type selection

Zoom: Fit line hide (points still visible) more robust

Crow/AMSAA: Eliminated double precision overflow for mle calculations

5.0BB - 20 Jan 2010

Batch Processing: If brackets, [...], are omitted, software will linger after analyzing data file

Data Cut/Copy: Improved speed and added an indication of progress [for Marquart]

Data Import: No longer inserts zeroes automatically for spaces

Data Import: Warranty format input now allows blank entries (for zeroes)

Font Select(Labels): Improved ease of font change

Label Edit: Improved set label placement on plot immediately after label edit finish

Random # Generator: Switched to Carl Tarum's routine

Significant Figures: Improved for very large and very small numbers [for Barringer]

Start-up (Information) Screen: Made existing icons active (formerly only images)
Zoom Menu: Added selection R...Precise Range For Linear Scale Zoom (does not round)
C/A Report: Improved robustness with respect to very small lambda parameter
Data Import: Added choice for 1-column input to come in as Y-Values

5.0BA - 10 Sep 2009

All Source Code: Substituted all 3rd-party code with native Fulton Findings code

Active Results Tabs: Normalized placement of second tab for all resolutions

Data Input By Keyboard: Now asks whether to display point label on plot for 1st-time entry

Data Wizard: Added Data Wizard button to data grid

Data Wizard: Improved user interface for point label edit

Data Wizard: Improved set label edit

Drag-Drop: Replaced slow moving programming language routines with fast Fulton Findings routines

Drop-Down Menu Items: Changed menu order to better agree with icon placement

Icons: Increased size of data grid icons when grid is full screen

Language: Changed Spanish word for Print to Impression

Menus: Normalized mouse location metrics for more robust operation in all resolutions

Point Labels: Improved user interface for editing and displaying some or all of point labels

Precise Reading on Plot: Improved number display

Line Hide: Made same as set hide if Crow/AMSAA fit not active

Crow/AMSAA: Added marker lines up to maximum of 24 for total of data sets, results, and marker lines

5.0B - 28 May 2009

Zoom: Increased robustness of axis range selection when all plot data is hidden

5.0AZ - 31 Mar 2009

Main Screen: Icon layout simplified and organized for more logical layout

Main Screen: Removed nuisance message occurring during resize

Menus: Added option buttons to selected menu choices

Plot Color Select: Lock Change By File option added to exclude color choices from data file

Zoom: Plot point display options expanded to include display of points with specific point labels

Zoom: Plot point display start lock improved

Zoom: Improved Point Symbol Type entry with new icon on plot edit screen

Dimensions: Increased capacity for individual data sets to 24 on same plot

5.0AY - Intermediate Version for development

5.0AX - 15 Jan 2009

File Access: Removed old-style file dialogue box

Normal Distribution: Changed to more precise estimates programmed by Carl Tarum

5.0AW - 6 Dec 2008: Consistent with SSV 5.0AW

5.0AV - 28 Nov 2008

DEMO Version: Added note on plot DEMO ONLY - DATA ALTERED

Dimensions: Expanded to eliminate nuisance Out Of Range message

File Save: Simplified files access routines and especially automatic load of sample data

Auxiliary Plot (CDF, PDF, etc.): Improved robustness especially for mixtures

Plot: Simplified the X-axis and Y-axis automatic numbering

5.0AU - 15 Nov 2008

Capability: Compatible with recent new revision of IEC-61649

Information Display: Reset default to Tooltips with Select Display

ACH/CDF/HDF/PDF/RDF: Weibull mixture non-linear fit line used for Set #2 instead of 2P fit

Zoom: Y-Scale range lock restored

5.0AT - 25 Aug 2008

Value Entry Box: Clarified function of selectable items

Total Picture: Menu item re-instated for switching negative-or-positive display of suspensions

C/A: Goodness of Fit for grouped data switched to p-value indication based upon χ^2

5.0AS - 8 Aug 2008

Start Lock: Now includes Point Symbol Type

ACH: Revised negative suspension representation to positive to arrange data in X-Value order

5.0AR - 25 Jul 2008

ACH Plotting: Returned ability to evaluate suspensions for plotting of the actual data

Batch Mode Processing: File name shown on plot if this setup option was previously chosen

Data Wizard: Changed E...Delete Special to E...Edit Special

Data Wizard: For E...Edit Special, Added T...Occurrence Only Change To Suspension

File Access Error Message: More details like ... FILE-NAME, PATH, EXPLANATION

Icon Select: Improved icon click response

Information Display: Added option in HELP menu for Big Information Display (Big Letters)

Information Display: Added option in information menu for Big Information Display (Big Letters)

Information Display: When magnified also shows data grid selections

Software Name: Standardized on SuperSMITH(TM), officially registered name

Software Name: Changed acronyms to SSW (Weibull), SSV (Visual), and SSY (Ybath)

Warranty Format Import: Now allows blank cells in source data to represent zero occurrences

Zoom: T...Point Side Symbol Display menu item changed to U...

Zoom: Added menu item T...Suspension + Discovery ... Plot Display = Yes / No

Zoom: Menu item T... available to select for change even with no data

C/A: Added more information to caution about no change between data point axis-values

C/A: For Monte Carlo Sample ... added Start Point and End Point options

C/A: Goodness of fit for certain data (grouped + point-by-point-end-at-occurrence) switched to p-value per χ^2

C/A: IEC solution is more tolerant to attempted analysis with only two points

C/A: Message about set labels possibly changing with different analysis only displays once

C/A: Precise reading set selection now includes parameter values for the fit line

C/A: Precise reading now reads anywhere along the fit line or instantaneous line using function

C/A: Report now includes forecast for next 1-10 plus 20, 50 and 100

C/A: Report clarified with respect to r^2 and ccc^2 and r^2-ccc^2

C/A & Nelson RE: Message about turning off C/A (or RE) analysis changed to options (turn-off or not)

Nelson RE: Improved robustness of data import when column quantity is unknown

Nelson RE: Improved analysis of data import when equipment ID is unknown

Plot: Grid line thickness now not automatically changed when accessing C/A

5.0AQ - 22 Mar 2008

Batch Processing: The -L option (run, file-load, linger) was change to -h (hold)

Batch Processing: The -yffffff option (library item save option) was changed to -Lffffff

Batch Processing: Added [zc], [zp], and [zfxxxxxxx] options for Precise Reading

Batch Processing: The -xV option (V is some value) was added for input of a horizontal axis value

Batch Processing: The -yV option (V is some value) was added for input of a vertical axis value

Precise Reading: <Enter> returns to main menu now

Zoom: Hide option (Yes / No) returns to main screen now

Nelson RE: Software is now more robust for data entry by hand or by copy/paste

Nelson RE: Data entry clarified for default info box (shown when RE icon clicked with no data)

5.0AP - 5 Mar 2008

C/A Confidence: Input now more like WSW input

C/A MC Confidence: More robust for data deletion and change of method

C/A MC Confidence: Option to decide left-right orientation or right-left orientation or automatic

C/A IEC Fit Method: Locked-out possibility of error by using point-by-point equations on grouped data

Curve Fit: Correlation now reflects fit with respect to fit line and not just linear trend of data

5.0A0 - Skipped This Version #

5.0AN - 25 Jan 2008

Distribution/Program Name Box: Improved location and sizing for different screen resolutions

Monte Carlo: Default random # seed changed to 3939889 (was 3979771) for wider default spread

VISTA (Microsoft) Operating System: Added more automatic help information

C/A Confidence: Added pivotal (pv) Monte Carlo method

C/A Confidence: Clarified menu option for confidence level

C/A Confidence: Improved calculation of confidence lines around fit line, especially for IEC

C/A Confidence: Horizontal variability for point-by-point data added

C/A Random Sample: Improved Monte Carlo variate generation

5.0AM - 23 Oct 2007

Drawing Line On Plot: Improved number display box locations to avoid cursor on top of box

Files: More robust for spaces in file names

Arrhenius Fit: Made b display more robust to values beyond 300 orders of magnitude

Batch Processing: Now more robust for spaces in file names

Crow/AMSAA: Added interpolate button on side of report for data and fit line

Nelson RE: Simplified data description box on plot (removed Data#)

Nelson RE: Terminology in data description changed to Item-Quantity Event-Quantity

Nelson RE: The - symbol is used on the RE plot for upper and lower confidence limits

Nelson RE: Y-scale value length agrees with significant digit selection

Nelson RE: Default plot representation is points, but can be changed to step-function

Plot/Report: Option for suspension plotting as negative vertically extended to all suspension displays

Scale Type: Clarified choices [Power Fit Linear, Exponential Fit Linear]

5.0AL - 5 Sep 2007

<span style='font-size:11.0pt;font-family:"Calibri",sans-serif;mso-ascii-theme-font: minor-latin;mso-hansi-theme-font:minor-latin;mso-bidi-theme-font:minor-