Version 14.1

The following issues have been addressed in Version 14.1:

195   Aperture converter rounding error.
255   Add hole chart problems when rotation is specified.
281   Request to be able to remove or rename a command/macro in the My Commands tab of the Navigator via right-click menu.
301   Can't undo virtual panelization.
333   Orthogonal line snap not available during Add Vertex.
334   Ortho line snap not behaving properly during Add Slot.
383   Aperture size appears wrong when imported aperture data are not centered on 0,0.
403   Request for automatic method of removing Virtual Panel S&R codes.
409   CREATELAYER macro command fails to return layer number to $$STATUS
495   Teardrops dialog box is not adapting to units being microns.
796   ODB++ Import symbol translation problems.
810   Netlist Generation may be wrong if negative data present.
929   Solder mask generate doesn't prompt to create a netlist.
975   Edit|Dcode|Polarity leaves cursor fragments.
1017   Display of raster filled polygon arcs not consistent with regular arcs.
1062   Some Pad to Trace errors indicate they are fixable, but fixing them does nothing.
1091   Composite Setup dialog box needs updating.
1125   Drawing with anything other than Round, Square, or Rectangle displays as round.
1203   Need UI method to notify users when warnings/errors have been logged.
1265   Macro commands for IPC-D-356/A import and export need to be updated.
1358   Netlist Compare produces invalid errors.
1359   DRC errors incorrect when imported aperture data are not centered on 0,0.
1403   When moving vertex, orthogonal switch is disabled.
1413   Analysis|Copper Area dialog text should reflect usage of "NC layers" instead of "Drill".
1446   Rotate command does not update Navigator after adding apertures.
1561   Netlist Generation fails on a particular data set.
1565   Some polygons from a particular imported design contain only a single point.
1607   Macro Variable $$CURRENTDDRILLTOOL not working.
1617   DRC Auto Fix problem on a particular data set.
1629   Request to support Gerbers from Japan with decimals in them.
1654   DRILLTOGERBER command obsolete, need NCTOGERBER command.
1657   EXPORTDXF should be updated to reflect current product functions.
1660   GERBERTODRILL should be replaced with GERBERTONC and updated appropriately.
1704   Exploding transformed drill patterns results in non-NC data
1724   DRC Auto Fix problem on pad-to-pad errors.
1737   TBar width fix is not adjusting the passive size correctly.
1756   ODB++ import problems on specific design.
1759   Panel Rotate command doesn't store last value entered.
1789   DRC fixes should not use negative (clear) data if at all possible.
1800   Exported net locations are incorrect on some custom pads.
1804   Netlist Compare error when working from PADS Import Netlist Only
1821   Solder mask optimization can crash when user attempts to abort.
1848   PowerPCB 5.0 ASCII file not reading in correctly.
1849   Changing legends assigned in the NC Table is not reflected in the drill hole chart.
1855   When exporting ODB++ after performing Advanced Panelization, re-importing the data fails.
1861   Problems adding tabs if amount of space available is between minimum required and the amount required to insure it will fit if the path is compensated.
1865   DXF Dimension Text not importing.
1866   A particular file loads incorrectly when dropped into GerbTool.
1868   Report files disappearing upon close of GerbTool.

1869   NC Export of advanced panelization designs has tool export problem.
1870   NC export with virtual panel not working correctly.
1871   Export order not coming out correctly with pilot holes, even after optimization.
1874   Import Wizard detects a particular file as leading zeroes suppressed, but file is trailing zeroes suppressed.
1877   DRC Trace to Trace check failing to detect error on parallel lines at 45 degrees.
1879   IPC-D-356A Flying probe export hangs on a particular design.
1880   Copy command problem when windowing data and selecting multiple destination layers.
1881   Polygons arcs are segmented for DPF export.
1883   Spurious drill hits being created by Excellon export/import.
1884   Sieb & Meyer Mill Import - non-compensated path following compensated path gets compensated.
1888   Postscript Export incorrectly scaling certain flashes.
1890   Crash using Add|Drill in SR2 after adding a new tool.
1900   Gerber Import incorrectly reading polygons that consist of a single 360 arc.
1901   Clockwise arcs from version 9 & 10 design files not loading properly when opened in V14.
1902   Sieb & Meyer import problem. The command state is not being terminated for drilled slots.
1904   GerbTool crashes when trying to import a particular set of Gerbers.
1905   Macro Command STOP crashes when used in a submacro.
1906   Assert/Memory leak in Fire 9000 initialization.
1908   Reset gauge causes asserts and partially aborts command.
1909   Pads rotated incorrectly on import of specific ODB++ design.
1911   Dropped void during netlist generation.
1912   Mill paths appear corrupted after changing the database origin, then saving and reloading.
1913   Simple Panelize dialog box is no longer working properly for virtual panels.
1916   Exporting Gerber file in incremental coordinate mode causes crash during import of same file.
1917   Testpoints not exported correctly via IPC-D356A export.
1918   Unexpected warning message appears during Gerber export.
1920   NC output problems when exporting in Modal mode.
1922   Problem during Import Mill for a design that had a stepped and repeated mill path, and the tool assigned to the path was not defined.
1923   Gerber Export crashing after ODB++ files loaded.
1924   Drill file import problem.
1925   Feed Rate not output in Excellon formats.
1926   Crash during Postscript Output.
1927   File name parameter of macro TEXT command not working.
1929   DXF file scale should not be changing during Import.
1930   Crash if DXF file is open in another application, and user tries to access the import setting from the Import Wizard.
1932   Importing a particular Gerber file causes a stack overflow.
1934   ScaleLayers macro not executing on the correct layers.
1935   ApReport macro not executing on the correct layers.
1938   Crash in the Simple Panelization dialog box.
1943   Unknown Netlist Compare errors on Blind and Buried design.
1944   GerbTool allows the application to be shut down during file export, causing incomplete files.
1946   Invalid layer compare differences reported with a particular NC layer of a virtual panel.
1947   Change request for up-path display to not automatically coming on after optimization.
1948   Auto-centered customs not displaying correctly during open of an older design.
1949   Netlist Compare reports invalid errors on a particular design.
1950   Improper "Unable to determine Format" message on what appears to be an OK Drill file.
1951   Crash importing a particular Gerber file.
1952   Setup Layers crash after cutting a layer from a particular dataset.
1953 $$LTNC is not getting its value set.
1954   MERGEGERBER gives syntax error on attached macro which uses a variable for the filename.
1955   Polarity behaving like a separate command even when used as a parameter.
1956   Crash on ODB++ import after warnings of duplicate custom not accessible.
1957   ODB++ problem with features not matching Gerbers and Valor VUV.
1961   Gerber LN command interferes with Merge Poly option during import.
1962   IMPORTNC macro command incorrectly documented as MERGENC.
1964   When mills are mirrored, compensation ends up in wrong direction.

1965   File Merge problems with NC Tools.
1968   Problem with View All after import.
1970   Importing IPC-D-356 file fails to map layers properly in all cases.
1971   Attempts to add polygon from UI fails.
1972   Add Polygon dialog box shouldn't allow the selection of apertures that are not valid for draws.
1973   Older version GTD files causing a crash during conversion.
1974   Net Compare producing a problem net open result.
1977   Macro POLARITY command not working properly.
1982   Polygon Engine abort during netlist generation on a particular dataset.

February 7, 2005

Version 14.0 Service Release 2

The following issues have been addressed in service release 2:

1850   Netlist compare problems with a particular dataset.
1863   NC import dialog box problem with tool table name when accessed from the Import Wizard.
1873   External net names with single quotes being lost.
1875   Polygon corruption during Gerber Import with a particular dataset.
1876, 1878   Small arc corruption problems during Gerber Import with a particular dataset.

January 27, 2005

Version 14.0 Service Release 1

The following issues have been addressed in service release 1:

212   No grid display in Aperture Editor.
701   Netlist Extract not consistent for polygons touching at corners.
853   PostScript accuracy problem.
1117   Gerber Export: Unneeded polygon slicing to expose disappearing voids.
1321   Polygon Engine Error: Disappearing circular void.
1328   Export DXF should maintain Layer Names with numbers in them.
1346   IPC-D-356A Export Issue (Blind and Buried).
1379   Netlist regeneration during Analysis fixing needs "Ignore this message" option.
1380   Netlist problem - Polygon Engine dropping a clearance.
1425   Need ability to compact/renumber NC Tool Tables.
1496   Fix error option should not be available on the Generate Paste Mask dialog box.
1538   Double mill path visibility change request.
1571   Macro POUR command not working with Hatch option.
1573   Gerber format detection gets m.n wrong on a particular dataset.
1662   GETTOOLINFO macro command must be updated for v14 NC changes.
1688   Custom NC Tab placement/size issue.
1720   Edit|Clip not working correctly on Polylines and Raster Polygons.
1729   Display anomaly when adding polygons interactively.
1732   Tool list not updating in Navigator after certain commands.
1748   Create Mill From problem with plunge.
1802   Customer requests Layer Compare Tolerance value to be saved in registry.
1807   Double mill path UI change requests.
1822   Solder Mask & Paste Mask commands use non-standard methods of status bar prompting and activity indication.
1823   Flatten Panel isn't available for users with Advanced Panelization feature.
1824   Import 356A not always mapping bottom layer correctly.
1827   Paste Mask corner option not working.
1828   Combine Mill Path problem.
1830   ACR $rot keyword not working properly.
1834   Import detection says Gerber is trailing-suppressed when it is actually leading-suppressed on a particular dataset.
1835   Unable to export Sieb & Meyer format drills via macro commands.
1838   File Merge command is not mapping tool tables appropriately, map dialog is not called.
1840   IMPORTFORMAT macro command isn't working properly.
1841   Unused tools are being exported.

1842 Need a way to remove tools from tool list via macro commands.
1844 GETTOOL and PUTTOOL should be updated appropriately for v14 capabilities.
1846 Crash trying to import specific DPF file.
1851 Crash during save after running netlist generation on a particular design.
1853 HPGL export crash with Fill mode.
1854 Ambiguous custom apertures names resulting from a particular dataset.
1858 Problems reading a particular Gerber file that contains aperture macros defined multiple times.
1862 Macro drag & drop select polarity keyword not handled properly.
1867 Analysis of silkscreen causes crash.

November 11, 2004

Version 14.0 Initial Release

This document will contain a list of issues that are addressed in future service releases.