

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      Page      1  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status</u> <u>Date</u>	<u>Superseded</u> <u>By</u>
2A60ALL	Cumulative PTF Package Last Updated 2018/08/24		
2A60001	PDF Imbed *NONE, Missing *FNTRSC Behavior <ul style="list-style-type: none"> <li>o An error was introduced in pdf generation. When an ASCII codepage is specified by a spooled file (or one of its resources), and when the codepage is not present on the system, and when PDFFNTIMB(*NONE) is specified, the results are erroneous. The error has been corrected and the old behavior restored.</li> </ul>	09/03/13	2A60063
2A60002	SAM CHGSAMDFT POP Updated <ul style="list-style-type: none"> <li>o CHGSAMDFT command's prompt override program updated to include new PDFFNTIMB() single values.</li> </ul>	09/03/13	
2A60003	SAM Additional PDF Open Options <ul style="list-style-type: none"> <li>o Three new elements have been added to the PDF document open options (PDFDOCOPN) parameter. The elements add further control over the documents interaction with the viewer.            Element 12: Page scaling CHAR(1)            Specifies the page scaling option to be selected when a print dialog is displayed displayed for this document.                *DEFAULT                  Use the current print scaling.                *NONE                  The print dialog should reflect no page scaling.            Element 13: Duplex CHAR(1)            Specifies the paper handling option to use when printing the file from the print dialog.                *DEFAULT                  Use the current setting.                *SIMPLEX                  Print single-sided.                *SHORTEDGE                  Print duplex and flip on the short edge of the sheet.                *LONGEDGE                  Print duplex and flip on the long edge of the sheet.            Element 14: Pick tray by page size CHAR(1)            Specifies whether the PDF page size is used</li> </ul>	10/10/13	2A60063

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      **Page**    2  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
	<p>to select the input paper tray. This setting influences only the preset values used to populate the print dialog presented by a PDF viewer application.</p> <p>Note: This setting has no effect on Mac OS systems, which do not provide the ability to pick the input tray by size.</p> <p>*NO            Selection as defined by the PDF viewer application.</p> <p>*YES            Check box in the print dialog associated with input paper tray is checked.</p>		
2A60004	<p>SAM *LASTCRT Processing Corrected</p> <ul style="list-style-type: none"> <li>o Something wiggled. *LASTCRT processing has been incorrect but working since 2005. Code compiled TGTRLS(V7R1M0) reveals the error with CPF1061 "Time not valid" when *LASTCRT was specified on the SPLCONVERT, DMPPIP, DSPPAGDTA, and RTVPAGDTA commands.</li> </ul>	10/18/13	2A60063
2A60005	<p>SAM SPLAMATIC Option 70 Fails</p> <ul style="list-style-type: none"> <li>o SPLAMATIC menu was calling wrong program for option 70 resulting in "Program SMCL815 in library *LIBL not found."</li> </ul>	10/31/13	
2A60006	<p>PDF Misleading FNT0019 and FNT0022 Issued</p> <ul style="list-style-type: none"> <li>o We internally specified an erroneous GRID for the default underscore font while implementing the new font engine causing diagnostic messages FNT0019 and FNT0022 to be issued during resolution. The GRID's GCSGID has been corrected.</li> </ul>	11/15/13	2A60063
2A60007	<p>FNT Unnecessary FNT0022 Message</p> <ul style="list-style-type: none"> <li>o Font processing was sending message id FNT0022 when a host character set could not be found for a grid specified font. Now the message is postponed until the missing character set is needed and thus avoiding the message when the missing character set doesn't matter.</li> </ul>	11/18/13	2A60067
2A60008	<p>FNT Unnecessary FNT0013/16 Messages</p> <ul style="list-style-type: none"> <li>o Font processing was sending message id FNT0013, FNT0016, CPF9801 and CPF33CF when a code page font resource could not be found for a grid</li> </ul>	02/11/14	2A60067

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      Page      3  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
	specified font. Now the message is postponed until the missing code page is needed and thus avoiding the messages when the missing code page doesn't matter.		
2A60009	MOD Page Position Information Mishandled <ul style="list-style-type: none"> <li>o Incorrect processing of Begin Page's Page Position Information triplet resulted in wrong overlay applied to page in some instances.</li> </ul>	05/22/14	2A60018
2A60010	PDF Misconstructed Page Content <ul style="list-style-type: none"> <li>o Under reasonably convoluted conditions involving multiple overlays on a page, the page content construction was mishandled resulting in malformed pages contents. In the example from the problem report, the printed content was missing.</li> </ul>	05/28/14	2A60063
2A60011	PDF PDFFNTIMB(*ALL) Doesn't Work <ul style="list-style-type: none"> <li>o PDFFNTIMB(*ALL) was not working.</li> </ul>	05/29/14	2A60063
2A60012	CFG Enable IPDSPASTHR() As Override <ul style="list-style-type: none"> <li>o Processing logic modified to allow a spooled file's IPDSPASTHR() parameter to suppress IPDS page re-size logic when *YES specified, even when other requirements are not met. This allows spooled files that depend on the pre AFP logic to print correctly to be correctly converted.</li> </ul>	07/02/14	
2A60013	SAM Add JOBSYSNAME() And CRTDATE() <ul style="list-style-type: none"> <li>o Two new parameters, JOBSYSNAME() and CRTDATE(), have been added to the SPLCONVERT command. These have the same meaning and usage as those found on IBM's spooled file related commands and allow you to select specific spooled files when file/job/user/jobnbr/splfnbr are not unique.</li> </ul>	07/25/14	2A60063
2A60014	FNT MCH3601 On Malformed Codepage *FNTRSC <ul style="list-style-type: none"> <li>o Malformed codepage *FNTRSC caused MCH3601 after parsing. The malformed codepage is now treated as if it does not exist.</li> </ul>	08/19/14	2A60067
2A60015	SUI WRKGSIOUQTQ Option 3 Status Change <ul style="list-style-type: none"> <li>o Holding a spooled file from WRKGSIOUQTQ panel using option 3 failed to update the status to *HLD. The status is now updated.</li> </ul>	09/19/14	
2A60016	PDF DBCS Glyph Missing From Font	10/10/14	2A60063

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      **Page**      4  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
2A60017	FNT Internal Handling of TrueType Improved <ul style="list-style-type: none"> <li>o Mishandled character usage maps could result in missing glyphs when subsetting DNCS fonts.</li> <li>o Improved internal handling of TrueType fonts.</li> </ul>	10/27/14	2A60067
2A60018	MOD Missing Return Code Processing Added <ul style="list-style-type: none"> <li>o Missing return code processing corrected. It was exposed during testing of another component.</li> </ul>	10/27/14	
2A60019	PDF TrueType/*AUTO/Unicode Fixes <ul style="list-style-type: none"> <li>o When a single TrueType font is specified in multiple sizes, sizing of each after the first is incorrect.</li> <li>o *AUTO font imbedding not working for TrueType fonts.</li> <li>o Unicode data inappropriately processed for unprintable xFF resulting in mangled unicode data.</li> </ul>	10/27/14	2A60063
2A60020	FNT Unknown Code Page Handling Corrected <ul style="list-style-type: none"> <li>o Missing code page font resource no longer causes the process to fail, a substitute is used instead. This restores the previous behavior.</li> <li>o Default code page selection enhanced to be sensitive to the spooled file's encoding.</li> </ul>	01/15/15	2A60067
2A60021	PDF TrueType With Code Page Corrected <ul style="list-style-type: none"> <li>o When a TrueType font was specified with a code page font resource, the generated PDF contained incorrect data, unicode mapping and font subset.</li> </ul>	01/15/15	2A60063
2A60022	PDF Merge TrueType Subsets <ul style="list-style-type: none"> <li>o Multiple copies of a single TrueType font, with different subsets, were generated when the font was specified in different ways. Now the subsets are combined into single copy and overall file size is reduced.</li> <li>o Horizontal scaling of the underscore character was performed incorrectly when rendering PTOCA underscored text.</li> </ul>	02/05/15	2A60063
2A60023	FNT *SCS Scalable Fonts Mishandled <ul style="list-style-type: none"> <li>o The font size derived from *SCS spooled file which specifies a scalable font was incorrect.</li> </ul>	03/31/15	2A60067
2A60024	PDF *SCS Scalable Fonts Mishandled	04/13/15	2A60063

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      Page      5  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
2A60025	PDF *TRUETYPE On Handheld Devices ○ The font size derived from *SCS spooled file which specifies a scalable font was incorrect. ○ Imbedded *TRUETYPE fonts used with DBCS data displays correctly in Adobe Reader but does not display in other context such as handheld due to malformed CIDFont declaration. ○ Imbedded *TRUETYPE fonts used with SBCS data displays correctly in Adobe Reader but does not display in other context such as handheld due to malformed encoding cmap.	04/21/15	2A60063
2A60026	PDF A PDF/A Validator Complains ○ Some PDF/A validators complain that "The XMP property 'xmp:CreateDate' is not synchronized with the document information entry 'CreationDate'." Code was changed to avoid the less liberal interpretation.	05/09/15	2A60063
2A60027	SAM SPLNBR(*ANY) Doesn't Work ○ SPLCONVERT command's SPLNBR() parameter special value *ANY doesn't work and generates an error.	07/10/15	2A60063
2A60028	SPL QGSLRSC Fails For Duplicate Splf ○ Generating a resource list using QGSLRSC failed when processing a spooled file that has a duplicate on the system. QGSLRSC is now called using the system's internal IDs for the job and spooled file and the problem avoided.	07/10/15	
2A60029	FNT QGSLRSC Fails For Duplicate Splf ○ Retrieving font file names using QGSLRSC failed when processing a spooled file that has a duplicate on the system. QGSLRSC is now called using the system's internal IDs for the job and spooled file and the problem avoided.	07/10/15	2A60067
2A60030	FNT Unneeded TrueType Opens Failure ○ Resolving TrueType fonts failed to check for existing resolved reference resulting in a stack overflow and failed processing.	08/25/15	2A60067
2A60031	FNT Clean Up Error ○ Two location in environment create error handling destroy a local copy of a pointer	09/09/15	2A60063

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      Page      6  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
	instead of the passed copy leading to a suspected error on a customer system when the passed copy is also destroyed.		
2A60032	PDF Uninitialized Pointer o Uninitialized pointer caused clean up failure with MCH3601 under some error scenarios.	09/11/15	2A60063
2A60033	FNT Reissue Service Program o Service program recompiled and reissued.	12/19/15	2A60067
2A60034	PDF Reissue Service Program o Service program recompiled and reissued.	12/19/15	2A60063
2A60035	PDF Portrait90/Landscape90 Incorrect o Portrait 90 and Landscape 90 orientation values on medium descriptors gave wrong results for *AFPDS spooled files. Orientation now derived from medium descriptor extents.	02/15/16	2A60063
2A60036	PDS Page Buffer Functions Added o Page buffer concept and supporting functions added. Page buffers allow out of sequence print data to be processed correctly by sequence oriented transforms such as txt, html, etc.	08/22/16	2A60046
2A60037	FNT Retrive CCSID Function Added o New export allows retrieval of a font stack entry's opinion on the current effective ccsid.	08/22/16	2A60067
2A60038	TXT Procening Improvements o *TXTxxx transforms now support out of sequence data in a print data stream. o *TXTxxx transforms now support mixed CCSID data in a print data stream. o *TXTxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution.	08/22/16	2A60047
2A60039	SAM Add *TXTNONBLANK Transform o New text transform, *TXTNONBLANK, has been added. The transform compresses out all lines containing only white space. This processing is similar to that of the OS and i Access.	08/22/16	2A60063
2A60040	PDS Internal Mods To Increase Modularity o Internal modifications to increase modularity.	09/20/16	2A60046
2A60041	TXT Internal Mods To Increase Modularity o Internal modifications to increase modularity.	09/20/16	2A60047
2A60042	PDF Intelligent Mail BARCODE Error o Incorrect data in an internal Intelligent Mail	10/05/16	2A60063

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      Page      7  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
	table resulted in invalid barcodes being generated something like 1.5% of the time.		
2A60043	PDS Page Buffer Handle DBCS ES!=x1301 o Page buffering enhanced to handle DBCS data with encoding schemes other than x1301.	10/10/16	2A60046
2A60044	FNT Always Produce Unicode Char Map o Processing enhanced to produce a unicode character map even in the absence of a code page *FNTRSC object.	10/10/16	2A60067
2A60045	PDS Uninitialized Variable o Uninitialized variable causes *TXTxxx conversion failure when splitting the spooled file with PAGDTA() parameter.	10/18/16	2A60046
2A60046	PDS New Export o New export added to improve space/memory management between service program and clients.	11/18/16	
2A60047	TXT *FORMDEF/Text Suppression o *TXTxxx conversions now correctly process *FORMDEF print resources and correctly apply text suppression for *AFPDS spooled files. Previously text suppression was ignored and all text appeared in the generated output.	11/18/16	
2A60048	HTM Various Enhancements o Built in css changed from tr { float: left; } to tr { float: none; } to yield uniform "page" sizes during display. o Support for *AFPDS print data streams added. o *HTMLxxx transforms now support out of sequence data in a print data stream. o *HTMLxxx transforms now support mixed CCSID data in a print data stream. o *HTMLxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution.	11/18/16	
2A60049	RTF Various Enhancements o Support for *AFPDS print data streams added. o *RTFxxx transforms now support out of sequence data in a print data stream. o *RTFxxx transforms now support mixed CCSID data in a print data stream. o *RTFxxx transforms now support complex over printing of DBCS data as well as other	11/18/16	

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      Page      8  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
	enhancements to overlap resolution. ○ *RTFxxx transforms can now target CCSID *UNICODE and *UTF8.		
2A60050	SAM Enable HTM/RTF for *AFPDS ○ Update conversion to enable *AFPDS processing by *HTMxxx and *RTFxxx transforms.	11/18/16	2A60063
2A60051	FNT Enhanced Equal CharSet Test ○ Test for equal char sets enhanced to look at the underlying *FNTRSC and not the references, decreasing the number of false negatives.	01/01/17	2A60067
2A60052	PDF *FGID Imbed Changes ○ Previously PDFFNTIMB(*FGID) looked for font resources in a list derived from the as shipped system font table. If no match was found, nothing was imbedded. Now if no match is found, Type 1 fonts present on every system are used. A font is always imbedded. ○ Previously multiple copies of a font imbedded for an FGID or for PDF/A might be included unnecessarily. Multiples are now avoided.	01/01/17	2A60063
2A60053	PID Message File Updates ○ Add new application messages to message file for future enhancement.	10/10/17	
2A60054	PID Upgrade RTVGS IPTF Command ○ Previously, the Retrieve Gumbo PTF (RTVGS IPTF) command downloaded PTFs using the FTP protocol. Now RTVGS IPTF uses HTTP. Additionally, RTVGS IPTF can access the PTF server through a proxy server, if required by your network, using the new PROXY() parameter. . We anticipate that some installations' networks will have problems accessing the PTF server over HTTP. On a temporary basis, RTVGS IPTF has introduced a PROTOCOL() parameter that allows you to switch back to the old FTP behavior while correcting problems with HTTP service. This parameter will ultimately be removed along with support for FTP as a transport mechanism. . COMPATIBILITY WARNING	10/10/17	

(continued)



Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      Page      9  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status</u> <u>Date</u>	<u>Superseded</u> <u>By</u>
	<p>HTTP is now the default protocol for PTF retrieval. If your network restricts HTTP access or if a proxy is required for HTTP access the RTVGSIPTF command will fail. If a proxy is required you must fill in the PROXY() parameter. Otherwise you will have to specify PROTOCOL(*FTP) while you resolve problems with HTTP access on your network.</p>		
2A60055	PDF Suppress DBCS *TYPE3 Imbedding o Previously PDFFNTIMB(*TYPE3) could not be specified for DBCS spooled files as imbedding of DBCS fonts fails. Now DBCS fonts are bypassed and other DBCS fonts are imbedded.	10/31/17	2A60063
2A60056	FNT DBCS Length Calcs Corrected o Length and positioning were miscalculated for DBCS characters when processed in the presence of font resources. The old, correct, behavior has been restored.	11/08/17	2A60067
2A60057	FNT New Function Export o New export to allow retrieval of a font's Baseline Offset Default value.	11/12/17	2A60067
2A60058	PDF Correct Type3 Size For Mapping o Certain raster fonts (ex. C0S0CR12) contain a discrepancy between the stated point size and the 'Baseline offset default' value. Sizing an Adobe builtin font using point size gave a result that was 'too small'. When the values diverge we now use 'Baseline offset default' to calculate size for the builtin giving results that better approximate the printed page.	11/12/17	2A60063
2A60059	FNT Correct *PRV Signature o Correct *PRV signature.	11/14/17	2A60067
2A60060	PTX Track Overstrike/Underscore Positions o Added processing and macros to track and return start and end positions for overstrike and underscore.	12/05/17	
2A60061	PDF Re-implement Underscoring o Previously underscoring was accomplished by 'printing' the underscore character (_). This method could produce length oddities.	12/05/17	2A60063

(continued)

Product ID . . . . . : 2A55SAM Spool-a-Matic - Gumbo Software, Inc.      **Page** 10  
 Release . . . . . : V2R6M0  
 As of . . . . . : 2018-08-24

<u>PTF ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Superseded By</u>
	Underscoring has been re-implemented as as a graphic line with improved start and stop accuracy.		
2A60062	FNT Improve Baseline Offset Default <ul style="list-style-type: none"> <li>o Update Baseline Offset Default retrieval to use FND Nominal Height if it is larger than Baseline Extent Max.</li> </ul>	12/07/17	2A60067
2A60063	PDF /A Validation Failing <ul style="list-style-type: none"> <li>o PDF/A file validation was failing for files that contained bookmarks and for files produced with TXTRELPOS(*EXACTMOD) when *TYPE3 fonts were used. These now validate.</li> </ul>	12/22/17	
2A60064	FNT mu/micro Naming Discrepancy <ul style="list-style-type: none"> <li>o There is a naming discrepancy between IBM and Adobe regarding the mu/micro glyph. This caused the character to non-display in some circumstances. We have standardized on Adobe's view and the discrepancy is resolved.</li> </ul>	04/09/18	
2A60065	FNT PDF/A Fails After mu/micro Fix <ul style="list-style-type: none"> <li>o PDF/A processing fails after mu/micro fix with message ids FNT0028 and PDF0125. The error is corrected.</li> </ul>	08/07/18	2A60067
2A60066	PID Update Field Fix Manager <ul style="list-style-type: none"> <li>o Added field fix manager processing to delete resolved font resource users spaces, if requested by a PTF, in order to force regeneration.</li> </ul>	08/24/18	
2A60067	FNT Remove Typel Marker Fields <ul style="list-style-type: none"> <li>o Type 1 font resolution now strips marker fields from the font program resulting in a pure pfb. This resolves a complaint from more recent PDF/A validators such as veraPDF,</li> </ul> <p>NOTE: Previously resolved font resources are moved to QRPLOBJ during application of this PTF in order to force their recreation.</p>	08/24/18	

\* \* \* \* \*    E n d   O f   L i s t   \* \* \* \* \*