

Product ID : 2A55SM1 SpoolMail - Gumbo Software, Inc. Page 1
 Release : V2R9M0
 As of : 2018-01-15

| <u>PTF ID</u> | <u>Description</u> | <u>Status Date</u> | <u>Superseded By</u> |
|---------------|---|--------------------|----------------------|
| 2M90ALL | Cumulative PTF Package Last Updated 2018/01/15 | | |
| 2M90001 | FNT Unknown Code Page Handling Corrected <ul style="list-style-type: none"> o Missing code page font resource no longer causes the process to fail, a substitute is used instead. This restores the previous behavior. o Default code page selection enhanced to be sensitive to the spooled file's encoding. | 01/15/15 | 2M90049 |
| 2M90002 | PDF TrueType With Code Page Corrected <ul style="list-style-type: none"> o When a TrueType font was specified with a code page font resource, the generated PDF contained incorrect data, unicode mapping and font subset. | 01/15/15 | 2M90050 |
| 2M90003 | PDF Merge TrueType Subsets <ul style="list-style-type: none"> 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. o Horizontal scaling of the underscore character was performed incorrectly when rendering PTOCA underscored text. | 02/05/15 | 2M90050 |
| 2M90004 | SM1 Expand PCFILE() To 64 <ul style="list-style-type: none"> o SNDSPLMAIL command's PCFILE() parameter was expanded from a maximum length of 32 to a maximum length of 64. No recompile is needed. | 02/08/15 | 2M90036 |
| 2M90005 | FNT *SCS Scalable Fonts Mishandled <ul style="list-style-type: none"> o The font size derived from *SCS spooled file which specifies a scalable font was incorrect. | 03/31/15 | 2M90049 |
| 2M90006 | PDF *SCS Scalable Fonts Mishandled <ul style="list-style-type: none"> o The font size derived from *SCS spooled file which specifies a scalable font was incorrect. | 04/13/15 | 2M90050 |
| 2M90007 | PDF *TRUETYPE DBCS On Handheld Devices <ul style="list-style-type: none"> o 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. | 04/20/15 | 2M90050 |
| 2M90008 | PDF *TRUETYPE SBCS On Handheld Devices <ul style="list-style-type: none"> o 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 | 2M90050 |

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| 2M90009 | SUI WRKGSISPLF/WRKGSIOUQ Slow Response Time <ul style="list-style-type: none"> o WRKGSISPLF and WRKGSIOUQ were slow to respond to page down requests. | 04/29/15 | 2M90021 |
| 2M90010 | PDF A PDF/A Validator Complains <ul style="list-style-type: none"> o 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 | 2M90050 |
| 2M90011 | SM1 SPLNBR(*ANY) Doesn't Work <ul style="list-style-type: none"> o SNDSPLMAIL command's SPLNBR() parameter special value *ANY doesn't work and generates an error. | 07/09/15 | 2M90036 |
| 2M90012 | SPL QGSLRSC Fails For Duplicate Splf <ul style="list-style-type: none"> o 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 | |
| 2M90013 | FNT QGSLRSC Fails For Duplicate Splf <ul style="list-style-type: none"> o 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 | 2M90049 |
| 2M90014 | FNT Unneeded TrueType Opens Failure <ul style="list-style-type: none"> o Resolving TrueType fonts failed to check for existing resolved reference resulting in a stack overflow and failed processing. | 08/25/15 | 2M90049 |
| 2M90015 | PDF Clean Up Error <ul style="list-style-type: none"> o Two location in environment create error handling destroy a local copy of a pointer instead of the passed copy leading to a suspected error on a customer system when the passed copy is also destroyed. | 09/04/15 | 2M90050 |
| 2M90016 | PDF Uninitialized Pointer <ul style="list-style-type: none"> o Uninitialized pointer caused clean up failure with MCH3601 under some error scenarios. | 09/10/15 | 2M90050 |
| 2M90017 | FNT Reissue Service Program <ul style="list-style-type: none"> o Service program recompiled and reissued. | 12/19/15 | 2M90049 |

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| 2M90018 | PDF Reissue Service Program o Service program recompiled and reissued. | 12/19/15 | 2M90050 |
| 2M90019 | SND Attachment Name With M\$ "\" o Attachment file name incorrect when object specified using window path separator character ("\") instead of IFS path separator character ("/"). | 01/18/16 | |
| 2M90020 | 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 | 2M90050 |
| 2M90021 | SUI WRKGSISPLF/WRKGSIOUQ Slow Open o WRKGSISPLF and WRKGSIOUQ were slow to open Selection check at the wrong point in the code resulted in poor performance on systems with many spooled files. | 05/05/16 | |
| 2M90022 | 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. | 08/24/16 | 2M90032 |
| 2M90023 | FNT Retrive CCSID Function Added o New export allows retrieval of a font stack entry's opinion on the current effective ccsid. | 08/24/16 | 2M90049 |
| 2M90024 | TXT Procesing 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. | 08/24/16 | 2M90033 |
| 2M90025 | 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. | 08/24/16 | 2M90036 |
| 2M90026 | PDS Internal Mods To Increase Modularity o Internal modifications to increase modularity. | 09/20/16 | 2M90032 |
| 2M90027 | TXT Internal Mods To Increase Modularity o Internal modifications to increase modularity. | 09/20/16 | 2M90033 |

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| 2M90028 | PDF Intelligent Mail BARCODE Error <ul style="list-style-type: none"> o Incorrect data in an internal Intelligent Mail table resulted in invalid barcodes being generated something like 1.5% of the time. | 10/05/16 | 2M90050 |
| 2M90029 | PDS Page Buffer Handle DBCS ES!=x1301 <ul style="list-style-type: none"> o Page buffering enhanced to handle DBCS data with encoding schemes other than x1301. | 10/10/16 | 2M90032 |
| 2M90030 | FNT Always Produce Unicode Char Map <ul style="list-style-type: none"> o Processing enhanced to produce a unicode character map even in the absence of a code page *FNTRSC object. | 10/10/16 | 2M90049 |
| 2M90031 | PDS Uninitialized Variable <ul style="list-style-type: none"> o Uninitialized variable causes *TXTxxx conversion failure when splitting the spooled file with PAGDTA() parameter. | 10/18/16 | 2M90032 |
| 2M90032 | PDS New Export <ul style="list-style-type: none"> o New export added to improve space/memory management between service program and clients. | 11/18/16 | |
| 2M90033 | TXT *FORMDEF/Text Suppression <ul style="list-style-type: none"> 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 | |
| 2M90034 | HTM Various Enhancements <ul style="list-style-type: none"> 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 | |
| 2M90035 | RTF Various Enhancements <ul style="list-style-type: none"> 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. | 11/18/16 | |

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| | <ul style="list-style-type: none"> o *RTFxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution. o *RTFxxx transforms can now target CCSID *UNICODE and *UTF8. | | |
| 2M90036 | SAM Enable HTM/RTF for *AFPDS <ul style="list-style-type: none"> o Update conversion to enable *AFPDS processing by *HTMxxx and *RTFxxx transforms. | 11/18/16 | |
| 2M90037 | FNT Enhanced Equal CharSet Test <ul style="list-style-type: none"> o 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 | 2M90049 |
| 2M90038 | PDF *FGID Imbed Changes <ul style="list-style-type: none"> o 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. o 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 | 2M90050 |
| 2M90039 | SCS Invalid VCS Channel Ignored <ul style="list-style-type: none"> o Invalid channel number in SCS control VCS (vertical channel select) was treated as a fatal error. Now the control is ignored and processing continues. | 08/09/17 | |
| 2M90040 | PID Message File Updates <ul style="list-style-type: none"> o Add new application messages to message file for future enhancement. | 10/09/17 | |
| 2M90041 | PID Upgrade RTVGS IPTF Command <ul style="list-style-type: none"> o 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. <p>.</p> <p>We anticipate that some installations' networks will have problems accessing the PTF server over HTTP. On a temporary basis, RTVGS IPTF has</p> | 10/10/17 | |

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| | 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 | | |
| | 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. | | |
| 2M90042 | 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 | 2M90050 |
| 2M90043 | 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 | 2M90049 |
| 2M90044 | FNT New Function Export o New export to allow retrieval of a font's Baseline Offset Default value. | 11/12/17 | 2M90049 |
| 2M90045 | 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 | 2M90050 |
| 2M90046 | FNT Correct *PRV Signature o Correct *PRV signature. | 11/14/17 | 2M90049 |
| 2M90047 | PTX Track Overstrike/Underscore Positions | 12/05/17 | |

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| | o Added processing and macros to track and return start and end positions for overstrike and underscore. | | |
| 2M90048 | PDF Re-implement Underscoring o Previously underscoring was accomplished by 'printing' the underscore character (_). This method could produce length oddities. Underscoring has been re-implemented as a graphic line with improved start and stop accuracy. | 12/05/17 | 2M90050 |
| 2M90049 | FNT Improve Baseline Offset Default o Update Baseline Offset Default retrieval to use FND Nominal Height if it is larger than Baseline Extent Max. | 12/07/17 | |
| 2M90050 | PDF /A Validation Failing 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. | 12/22/17 | |

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