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Product ID :	2A55SM1 SpoolMail - Gumbo Software, Inc.	Page	1
Release :	V2R8M0		
As of :	2022-06-03		

PTF ID	Description	Status mm/dd/yy	Superseded By
2M80ALL	Cumulative PTF Package Last Updated 2022/06/03		
2M80001	<pre>PDF Imbed *NONE, Missing *FNTRSC Behavior 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.</pre>	09/19/14	2M80081
2M80002	SM1 CHGSM1DFT POP Updated	09/19/14	
	o CHGSM1DFT command's prompt override program updated to include new PDFFNTIMB() single values.		
2M80003	<pre>SM1 Additional PDF Open Options 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</pre>	09/19/14	2M80081
	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		



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PTF ID	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. Note: This setting has no effect on Mac OS systems, which do not provide the ability to pick the input tray by size. *NO Selection as defined by the PDF viewer	<u>mm/dd/yy</u>	<u>By</u>
	application. *YES Check box in the print dialog associated with input paper tray is checked.		
2M80004	<pre>SM1 *LASTCRT Processing Corrected 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 SNDSPLMAIL, DMPPIP, DSPPAGDTA, and RTVPAGDTA commands.</pre>	09/19/14	2M80081
2M80005	SM1 Open Spooled File Edit Message Restored o Error message for the open spooled file edit was inadvertantly disarmed. The command would correctly fail, but there was no "Previously listed message" and the cause was ambiguous. The message has been rearmed.	09/19/14	2М80081
2M80006	PDF Misleading FNT0019 and FNT0022 Issued 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 to be issued during resolution. The GRID's GCSGID has been corrected.	09/19/14	2M80081
2M80007	<pre>FNT Unnecessary FNT0022 Message 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.</pre>	09/19/14	2M80078
2M80008	FNT Unnecessary FNT0013/16 Messages o Font processing was sending message id FNT0013,	09/19/14	2M80078



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	FNT0016, CPF9801 and CPF33CF when a code page font resource could not be found for a grid 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.		
2M80009	SM1 Missing Diagnostic Message o Diagnostic message was removed but the error return wasn't resulting in hard to diagnose problem with open spooled files and invalid page ranges.	09/19/14	2M80081
2M80010	<pre>SM1 Corrected PAGERANGE(*SPLF) Processing o Corrected PAGERANGE(*SPLF) processing.</pre>	09/19/14	2M80081
2M80011	MOD Page Position Information Mishandled o Incorrect processing of Begin Page's Page Position Information triplet resulted in wrong overlay applied to page in some instances.	09/19/14	2M80021
2M80012	PDF Misconstructed Page Content 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.	09/19/14	2M80081
2M80013	<pre>PDF PDFFNTIMB(*ALL) Doesn't Work o PDFFNTIMB(*ALL) was not working.</pre>	09/19/14	2M80081
2M80014	CFG Enable IPDSPASTHR() As Override o Processing logic modified to allow a spooled file's IPDSPASTHR() parameter to suppress	09/19/14	
	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.		
2М80015	<pre>SAM Add JOBSYSNAME() And CRTDATE() o Two new parameters, JOBSYSNAME() and CRTDATE(), have been added to the SNDSPLMAIL 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.</pre>	09/19/14	2M80081



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2M80016	FNT MCH3601 On Malformed Codepage *FNTRSC o Malformed codepage *FNTRSC caused MCH3601 after parsing. The malformed codepage is now treated as if it does not exist.	09/19/14	2M80017
2M80017	SUI WRKGSIOUTQ Option 3 Status Change o Holding a spooled file from WRKGSIOUTQ panel using option 3 failed to update the status to *HLD. The status is now updated.	09/19/14	
2M80018	PDF DBCS Glyph Missing From Font o Mishandled character usage maps could result in missing glyphs when subsetting DNCS fonts.	10/10/14	2M80081
2М80019	FNT MCH3601 On Malformed Codepage *FNTRSC o Correct and reissue PTF 2M80016.	10/10/14	2M80078
2М80020	FNT Internal Handling of TrueType Improved o Improved internal handling of TrueType fonts.	10/27/14	2M80078
2M80021	MOD Missing Return Code Processing Added o Missing return code processing corrected. It was exposed during testing of another component.	10/27/14	
2M80022	 PDF TrueType/*AUTO/Unicode Fixes When a single TrueType font is specified in multiple sizes, sizing of each after the first is incorrect. *AUTO font imbedding not working for TrueType fonts. Unicode data inappropriately processed for unprintable xFF resulting in mangled unicode data. 	10/27/14	2M80081
2M80023	FNT Unknown Code Page Handling Correctedo 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	2м80078
2M80024	PDF TrueType With Code Page Corrected 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	2M80081
2M80025	PDF Merge TrueType Subsets o Multiple copies of a single TrueType font,	02/05/15	2M80081



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	<pre>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</pre>		-
2M80026	when rendering PTOCA undescored text. FNT *SCS Scalable Fonts Mishandled o The font size derived from *SCS spooled file which specifies a scalable font was incorrect.	03/31/15	2M80078
2M80027	PDF *SCS Scalable Fonts Mishandled o The font size derived from *SCS spooled file which specifies a scalable font was incorrect.	04/13/15	2M80081
2M80028	 PDF *TRUETYPE On Handheld Devices 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. 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	2M80081
2M80029	PDF A PDF/A Validator Complains 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	2M80081
2M80030	SM1 SPLNBR(*ANY) Doesn't Work o SNDSPLMAIL command's SPLNBR() parameter special value *ANY doesn't work and generates an error.	07/10/15	2M80081
2M80031	SPL QGSLRSC Fails For Duplicate Splf 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	
2M80032	FNT QGSLRSC Fails For Duplicate Splf o Retrieving font file names using QGSLRSC failed when processing a spooled file that	07/10/15	2M80078



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<u>PTF ID</u>	Description 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.	mm/dd/yy	<u>By</u>
2M80033	FNT Unneeded TrueType Opens Failure o Resolving TrueType fonts failed to check for existing resolved reference resulting in a stack overflow and failed processing.	08/25/15	2м80078
2M80034	FNT Clean Up Error 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.	09/09/15	2М80081
2M80035	PDF Uninitialized Pointer o Uninitialized pointer caused clean up failure with MCH3601 under some error scenarios.	09/11/15	2M80081
2M80036	FNT Reissue Service Program o Service program recompiled and reissued.	12/19/15	2М80078
2M80037	PDF Reissue Service Program o Service program recompiled and reissued.	12/19/15	2M80081
2M80038	<pre>SND Attachment Name With M\$ "\" o Attachment file name incorrect when object specified using window path separator character ("\") instead of IFS path separator character ("/").</pre>	01/18/16	2M80081
2M80039	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	2M80081
2M80040	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	2M80050
2M80041	<pre>FNT Retrive CCSID Function Added o New export allows retrieval of a font stack entry's opinion on the current effective ccsid.</pre>	08/24/16	2M80078
2M80042	TXT Processing Improvements o *TXTxxx transforms now support out of sequence data in a print data stream.	08/24/16	2M80051



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<u></u>	o *TXTxxx transforms now support mixed CCSID	<u>/ uu////</u>	21
	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.		
2M80043	SAM Add *TXTNONBLANK Transform	08/24/16	2M80081
2110 0 0 10	o New text transform, *TXTNONBLANK, has been	00, 21, 20	21100002
	added. The transform compresses out all lines		
	containing only white space. This processing		
	is similar to that of the OS and i Access.		
2M80044	PDS Internal Mods To Increase Modularity	09/20/16	2M80050
	o Internal modifications to increase modularity.	, -, -, -	
2M80045	TXT Internal Mods To Increase Modularity	09/20/16	2M80051
	o Internal modifications to increase modularity.		
2M80046	PDF Intelligent Mail BARCODE Error	10/05/16	2M80081
	o Incorrect data in an internal Intelligent Mail		
	table resulted in invalid barcodes being		
	generated something like 1.5% of the time.		
2M80047	PDS Page Buffer Handle DBCS ES!=x1301	10/10/16	2М80050
	o Page buffering enhanced to handle DBCS data wit	h	
	encoding schemes other than x1301.		
2M80048	FNT Always Produce Unicode Char Map	10/10/16	2M80078
	o Processing enhanced to produce a unicode		
	character map even in the absence of a code		
	page *FNTRSC object.		
2M80049	PDS Uninitialized Variable	10/18/16	2M80050
	o Uninitialized variable causes *TXTxxx conversio	n	
	failure when splitting the spooled file with		
	PAGDTA() parameter.		
2M80050	PDS New Export	11/18/16	
	o New export added to improve space/memory		
	management between service program and clients.		
2M80051	TXT *FORMDEF/Text Suppresion	11/18/16	
	o *TXTxxx conversions now correctly process		
	*FORMDEF print resources and correctly apply		
	text suppression for *AFPDS spooled files.		
	Previously text suppression was ignored and		
0.00000000	all text appeared in the generated output.	11/10/16	
2M80052	HTM Various Enhancements	11/18/16	
	o Built in css changed from tr { float: left; }		
	to tr { float: none; } to yield uniform		
	"page" sizes during display.		



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	Description	Status	Superseded
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2M80053	 enhancements to overlap resolution. RTF Various Enhancements Support for *AFPDS print data streams added. *RTFxxx transforms now support out of sequence data in a print data stream. *RTFxxx transforms now support mixed CCSID data in a print data stream. *RTFxxx transforms now support complex over printing of DBCS data as well as other enhancements to overlap resolution. *RTFxxx transforms can now target CCSID *UNICODE and *UTF8. 	11/18/16	
2M80054	SAM Enable HTM/RTF for *AFPDS o Update conversion to enable *AFPDS processing by *HTMxxx and *RTFxxx transforms.	11/18/16	2M80081
2M80055	FNT Enhanced Equal CharSet Test 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	2M80078
2M80056	 PDF *FGID Imbed Changes 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	2M80081
2M80057	PID Message File Updates o Add new application messages to message file for future enhancement.	10/09/17	
2M80058	PID Upgrade RTVGSIPTF Command o Previously, the Retrieve Gumbo PTF (RTVGSIPTF)	10/10/17	



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	command downloaded PTFs using the FTP protocol Now RTVGSIPTF uses HTTP. Additionally, RTVGSIP can access the PTF server through a proxy serv if required by your network, using the new PROXY() parameter.		
	We anticipate that some installations' network will have problems accessing the PTF server ov HTTP. On a temporary basis, RTVGSIPTF has introduced a PROTOCOL() parameter that allows you to switch back to the old FTP behavior whi correcting problems with HTTP service. This parameter will ultimately be removed along wit support for FTP as a transport mechanism.	er le	
	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.		
2M80059	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	10/31/17	2M80081
2M80060	bypassed and other DBCS fonts are imbedded. FNT DBCS Length Calcs Corrected o Length and positioning were miscalulated for DBCS characters when processed in the presence of font resources. The old, correct, behavior	11/08/17	2M80078
2M80061	has been restored. FNT New Function Export o New export to allow retrieval of a font's Baseline Offset Default value.	11/12/17	2M80078
2M80062	PDF Correct Type3 Size For Mapping o Certain raster fonts (ex. COSOCR12) contain a discrepency between the stated point size and the 'Baseline offset default' value.	11/12/17	2M80081



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PTF ID	Des	cription	<u>mm/dd/yy</u>	By
		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 appoximate the		
		printed page.		
2M80063		Correct *PRV Signature	11/14/17	2M80078
		Correct *PRV signature.		
2M80064		Track Overstrike/Underscore Positions	12/05/17	
	0	Added processing and macros to track and		
		return start and end positions for overstrike		
		and underscore.		
2M80065	PDF	Re-implement Underscoring	12/05/17	2M80081
	0	Previously underscoring was accomplished by		
		'printing' the underscore character (_).		
		This method could produce length oddities.		
		Underscoring has been re-implemented as		
		as a graphic line with improved start and		
		stop accuracy.		
2M80066	FNT	Improve Baseline Offset Default	12/07/17	2M80078
	0	Update Baseline Offset Default retrieval		
		to use FND Nominal Height if it is larger		
		than Baseline Extent Max.		
2M80067	PDF	/A Validation Failing	12/22/17	2M80081
	0	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.		
2M80068	FNT	mu/micro Naming Discrepancy	04/09/18	2M80078
		There is a naming discrepancy between IBM and		
		Adobe regarding the mu/micro glyph. This caused		
		the character to non-display in some circumstan		
		We have standardized on Adobe's view and the		
		discrepancy is resolved.		
2M80069	FNT	PDF/A Fails After mu/micro Fix	08/07/18	2M80078
		PDF/A processing fails after mu/micro fix with		
	-	message ids FNT0028 and PDF0125. The error is		
		corrected.		
2M80070	ртп	Update Field Fix Manager	08/24/18	
		Added field fix manager processing to delete		
	0	resolved font resource users spaces, if		
		requested by a PTF, in order to force		
		requested by a rin, in order to roree		



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	regeneration.		
2M80071	FNT Remove Typel Marker Fields	08/24/18	2M80078
	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,		
	NOTE: Previously resolved font resources as	re	
	moved to QRPLOBJ during application of this		
	PTF in order to force their recreation.	5	
2M80072	IFS New Export Added	11/06/18	
21100072	o New function to open (create) a file based		
	CCSID instead of CPGID added. This facilita		
	control over the created file's CCSID attr:		
2M80073	SND File Open Change	11/06/18	2M80081
21100075	o Now uses IfsOpenCcsid().	11/00/10	2000001
2M80074	PDF C/J/K SBCS Conversion Corrected	09/27/19	2M80081
2000071	o C/J/K SBCS CCSIDs now converted correctly a		2000001
	presented with Adobe Asian Fonts.		
2M80075	PDF C/J/K DBCS COR Font Sizing	10/03/19	2M80081
21100075	o C/J/K DBCS fonts were too large after COR v		21100001
	applied and overlapped vertically. Sizing :		
	corrected and overlap removed.		
2M80076	FNT Font Table Update/DBCS Default	10/09/19	2M80078
211000,0	o Removed definition for font X0ABCD from int		211000,0
	font tables. This was an old work around the		
	no longer needed and gives incorrect result		
	some instances.		
	o XOABCD no longer used as a default font.		
2M80077	FNT Multiple Messages Avoided	10/30/19	2M80078
2110 0 0 7 7	o We were issuing diagnostic messages for each		21100070
	page when a spooled file speicified a		
	non-standard coded font and the coded font		
	could not be found on the system. Messages		
	are now only issued once per spooled file.		
2M80078	FNT TrueType Scaling, Etc.	02/05/20	
	o Corrected calculation of horizontal scaling		
	for TrueType fonts which are not uniformly	-	
	scaled (i.e. DDS *POINTSIZE height value no		
	equal to width value). Preveously the diffe		
	was ignored and processed as uniformly scal		



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	o Extraneous and misleading diagnostic messages		
	FNT0008, FNT0009, FNT0010, and FNT0017 no longe	er	
	issued. They are only of interest to *SCS spool	.ed	
	files but were issued for all.		
	o New export to return TrueType/OpenType font nam	ne.	
2M80079	PDF Imbedded DBCS TrueType Now Searchable	02/05/20	2M80081
	o PDF files with imbedded DBCS TruType fonts are		
	searchable. Previously /ToUnicode Cmap was omit	ted.	
2M80080	PDF Incorrect AFPRSC default size	10/17/20	2M80081
	o Incorrect AFPRSC default sizing when size not		
	specified.		
2M80081	<pre>SM1 Add FROM(*USRID:X:Y and *USRPRF:X)</pre>	09/18/21	
	o Added processing for FROM(*USRID:X:Y) and for		
	FROM(*USRPRF:X) to SNDSPLMAIL command.		
	**** End Of List ****		