

Current PTF Listing

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Product ID . . . . . : 2A55SM1 SpoolMail - Gumbo Software, Inc.  
 Release . . . . . : V2R4M0  
 As of . . . . . : 2011/11/14

PTF ID	Description	Status Date	Superseded By
2M40ALL	Cumulative PTF Package Last Updated 2011/11/14		
2M40001	PDF Underline Error Message Removed <ul style="list-style-type: none"> <li>o Removed erroneous error messages generated for spooled files with underline during most PDF conversions.</li> </ul>	03/08/11	2M40073
2M40002	SM1 *PAGDTA Function Broken <ul style="list-style-type: none"> <li>o Erroneous code change breaks *PAGDTA function. SNDSPLMAIL fails for any use of *PAGDTA.</li> </ul>	03/08/11	2M40009
2M40003	PDF Random Conversion Failures <ul style="list-style-type: none"> <li>o Missing function return caused random conversion failures on some systems.</li> </ul>	03/08/11	2M40073
2M40004	PDF Improved Obscure Font Substitution <ul style="list-style-type: none"> <li>o Mapping of obscure font FGIDs to PDF builtin fonts now always produces a result and hence bold is always honored.</li> </ul>	03/08/11	2M40073
2M40005	SND *ANY Directory Entry Broken <ul style="list-style-type: none"> <li>o Sending an email to a user id/address that utilizes an *ANY entry from the directory to supply the domain name for the email address was inadvertently broken by a change to the code. *ANY entries are now correctly processed.</li> </ul>	03/08/11	2M40071
2M40006	SND Attachment Name, MSF 5026 Problem <ul style="list-style-type: none"> <li>o Attachment names containg blanks or of unusual length resulted in an incorrectly formed mime message. Mime is now correctly formed.</li> <li>o i5/OS' mail server framework can't find files when the path is encoded in a ccsid that does not contain the EBCDIC invariant characters. The tmpnam() api returns a name containing lowercase letters, which, when run in a ccsid 5026 job aren't in the invariant code points. QtmmSendMail() api requires path names to be in the job's ccsid. Send component was modified to use only uppercase (always invariant) path names when the job's ccsid causes tmpnam() to produce variant characters. Japanese 5026 now can be processed by the MSF.</li> <li>o Added function to retrieve a product's installed home directory coded in the requesting job's</li> </ul>	03/08/11	2M40071

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	default ccsid. o Added function to produce a system wide unique temporary file name. The file is in the product installed home directory's /tmp folder unless /tmp contains variant EBCDIC, as is the case for Japanese ccsid 5026 jobs. In this case the file is placed in the system /tmp directory using a /TMP name.		
2M40007	SM1 Japan 5026 Temp Names Corrected o Temporary internal file names now avoid non standard lowercase letter encoding found in ccsid 5026.	03/08/11	2M40009
2M40008	SDD API Returns Anomalous Data o Search System Directory (QOKSCHD) API performs erroneous conversion on converted data resulting in incorrect directory data for ccsids that do not contain the EBCDIC invariant characters i.e. 5026 Japan.	03/08/11	2M40071
2M40009	SDD API Returns Anomalous Data o Search System Directory (QOKSCHD) API performs erroneous conversion on converted data resulting in incorrect directory data for ccsids that do not contain the EBCDIC invariant characters i.e. 5026 Japan.	05/05/11	
2M40010	PDF ToUnicode CMap Missing o ToUnicode CMap stream object erroneously omitted for *TYPE3 and *TRUETYPE embedded fonts under some circumstances resulting in PDF/A that doesn't meet standard and resulting in text operations such as cut and paste giving unusable results. o ToUnicode CMap stream object now included for *TYPE1 embedded fonts to insure that even ill behaved fonts can be accurately handled by Adobe Acrobat.	03/08/11	2M40073
2M40011	GRO Multi-Segment Position Error o Chained command sequences that contain an interior begin segment command resulted in extraneous lines. Interior begin segment commands are now treated as NOOPs.	03/08/11	2M40057

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2M40012	MSU Lint In Call To API o QtocRtvTCPA() api parameter prototyped as signed instead of unsigned causing potential api in mail set up functions to fail.	05/05/11	
2M40013	MSU Lint In Call To API o QtocRtvTCPA() api parameter prototyped as signed instead of unsigned causing potential api in mail set up functions to fail.	05/05/11	
2M40014	SPC QUSCRTUS Behavior Changed At V6R1 o QUSCRTUS() api parameter 11's default behavior changed at i5/OS V6R1M0 rendering some uses of large user spaces an error. Call to api changed to specify original behavior.	05/05/11	
2M40015	MSU VFYLOCAL Job Name Change At V6R1 o Name of job started when TCPIP is started changed from QTCPIP to QTCPWRK at V6R1. VFYLOCAL command now checks correct name.	03/08/11	2M40060
2M40016	MSU VFYROUTER Job Name Change At V6R1 o Name of job started when TCPIP is started changed from QTCPIP to QTCPWRK at V6R1. VFYROUTER command now checks correct name.	05/05/11	
2M40017	NLS New Function o Added new simple string conversion function export.	05/05/11	
2M40018	TIF New Service Program o Initial build. Portions of the LIBTIFF library have been compiled into a service program to manipulate TIFF files.	05/05/11	
2M40019	PDF Implement AFPRSC(... *TIFF) Processing o Processing has been added for object-type *TIFF files specified on the DDS AFPRSC() keyword. *TIFF files stored in the integrated file system and included in a spooled file now appear in the generated PDF.	03/08/11	2M40073
2M40020	PDF Implement USPS IMB Barcode Processing o Processing has been added for United States Postal Service (USPS) Intelligent Mail Barcode (IMB) aka. 4-state customer barcode.	03/08/11	2M40073
2M40021	TXT Blank Pages Cause Buffer Overflow	05/05/11	

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PTF ID	Description	Status Date	Superseded By
	<ul style="list-style-type: none"> <li>o Procedure TxtLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 11 pages with page length 66 lines.</li> </ul>		
2M40022	HTM Blank Pages Cause Buffer Overflow <ul style="list-style-type: none"> <li>o Procedure HtmLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 8 pages with page length 66 lines.</li> </ul>	05/05/11	
2M40023	FFT Blank Pages Cause Buffer Overflow <ul style="list-style-type: none"> <li>o Procedure FftLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 8 pages with page length 66 lines.</li> </ul>	05/05/11	
2M40024	RTF Blank Pages Cause Buffer Overflow <ul style="list-style-type: none"> <li>o Procedure RtfLoadEndPage() generates MCH3601 or MCH0601 when a sequence of blank pages is converted. The number of sequential blank pages to cause the failure varies with the spooled file lines per page and can be as few as 3 pages with page length 66 lines.</li> </ul>	05/05/11	
2M40025	PDF USPS IMB Barcode Additional Functions <ul style="list-style-type: none"> <li>o Intelligent Mail Barcode (IMB) processing extended to support SMALL variant (2.667 inches). Support also added for optional HRI (Human Readable Information) above or below.</li> </ul>	03/08/11	2M40073
2M40026	PDF USPS IMB Barcode Tweaks/Image Error Fix <ul style="list-style-type: none"> <li>o USPS IMB Barcode HRI distance from symbol reduced.</li> <li>o USPS IMB Barcode generated inline instead of as document Xobject.</li> <li>o Handling of corrupt G4-MMR images corrected.</li> </ul>	03/08/11	2M40073
2M40027	SND Accommodate Missing RFC2231 Support	05/05/11	2M40071

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PTF ID	Description	Status Date	Superseded By
	<ul style="list-style-type: none"> <li>o To correct the encoding of MIME parameter values for attachment names of unusual length or containing blanks, RFC 2231 was implemented. Not all mail clients have implemented RFC 2231 (outlook 2000, 2002, 2003) resulting in odd attachment names. RFC 2231 encoding is now avoided unless it is required to meet other MIME constraints.</li> </ul>		
2M40028	PDF G4-MMR Pointer Not Set Exposure <ul style="list-style-type: none"> <li>o Fix for corrupt G4-MMR images introduced potential pointer not set failure.</li> </ul>	03/08/11	2M40073
2M40029	PID Update Field Product Manager Verify <ul style="list-style-type: none"> <li>o Installation verification menu option now specifies CHKSIG(*NONE). Since we digitally sign our objects but most customers do not install our digital certificates, the option gave unnecessarily alarming results. If you have installed our certificates, you can run a complete check using CHKPRDOPT ...CHKSIG(*ALL)</li> </ul>	05/05/11	
2M40030	SUI WRKGSIOUQT Option 2 Prompting <ul style="list-style-type: none"> <li>o WRKGSIOUQT panels have been enhanced to more closely simulate their i5/OS analogs when prompting option 2, Change Spooled File Attributes. The output queue parameter is now accessible without pressing F10.</li> </ul>	05/05/11	
2M40031	SUI WRKGSISPLF Option 2 Prompting <ul style="list-style-type: none"> <li>o WRKGSISPLF panels have been enhanced to more closely simulate their i5/OS analogs when prompting option 2, Change Spooled File Attributes. The output queue parameter is now accessible without pressing F10.</li> </ul>	05/05/11	
2M40032	FNT Horizontal Scale Factor <ul style="list-style-type: none"> <li>o F:OCA data stream processor now processes HSF (Horizontal Scale Factor) triplet for MCF (Map Coded Font 2) SFI. These can be found in overlays created using InfoPrint Designer. Function added to retrieve scale.</li> </ul>	03/08/11	2M40062

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2M40033	MOD Horizontal Scale Factor o MO:DCA data stream processor now processes HSF (Horizontal Scale Factor) triplet for MCF (Map Coded Font 2) SFI. These can be found in overlays created using InfoPrint Designer.	03/08/11	2M40046
2M40034	PDF Horizontal Scale Factor o Font and print text processing now honors HSF (Horizontal Scale Factor) specified on fonts in AFPDS spooled files, overlays and page segments.	03/08/11	2M40073
2M40035	PDF GOCA Line Widths Incorrect o Graphic Object Content Architecture fractional line widths, in all cases, and line widths at resolutions other than 1440ths were rendered incorrectly. Generally the lines produced were thinner than specified.	03/08/11	2M40073
2M40036	PDF IBM-MMR Image Handling Changed o IBM-MMR images now converted to PDF as uncompressed images instead of CCITTFaxDecode.	03/08/11	2M40073
2M40037	MOD Wrong Overlay Selected From Formdef o Triplet FQN (Fully Qualified Name) now checks for a name that is less than 8 bytes when loading the DSNAM8 value, and blank fills.	03/08/11	2M40046
2M40038	PDF Replicate Pattern Mishandled o End IIM image now turns off the Drawing Pattern switch for Replicate Patterns.	03/08/11	2M40073
2M40039	PDF Increase Precision Of Font Scaling o The precision of type 3 font character size scaling was increased from 2 decimal places to 3. Characters at the end of long sequences are now more accurately positioned.	03/08/11	2M40073
2M40040	FNT C0S0CB12 Missing Bold Attribute o Internal font tables erroneously mapped character set C0S0CB12 to Fgid 108 instead of Fgid 110 resulting in missing bold attribute in some instances.	03/08/11	2M40055
2M40041	PDF IBM-MMR Block Spanning Error o IBM-MMR images whose end of file marker spans the underlying structured fields were being	03/08/11	2M40073

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	mishandled resulting in PDF0063 TIFFax error and failed conversion.		
2M40042	MOD Export ModMediumGetDescriptorMdd() o New export to retrieve the currently active Medium Descriptor.	03/08/11	2M40046
2M40043	PDF Units Mismatch Causes Positioning Error o Now correctly position logical page on medium when the page and medium use differing units of measure. Though rare overall, the situation is most often associated with custom form definitions.	03/08/11	2M40073
2M40044	PDF IBM-MMR Long Distance Test Removed o Function used to test IBM-MMR images for end of file markers was corrected to avoid long distance bit tests outside the range of tstbit() function.	03/08/11	2M40073
2M40045	FNT Reissue Service Program o Reissue service program with less aggressive optimization.	03/08/11	2M40062
2M40046	MOD Reissue Service Program o Reissue service program with less aggressive optimization.	05/05/11	
2M40047	PDF Reissue Service Program o Reissue service program with less aggressive optimization. o Jpeg images with density specified in centimeters were being sized incorrectly.	03/08/11	2M40073
2M40048	FNT HSF Applied To GRID and Should Not o Horizontal Scale Factor triplet was being applied to GRID specified font mappings in *AFPDS spooled files and shouldn't have been. Most GRID based font mappings don't include the triplet, but those that do ended up with incorrectly sized fonts.	03/08/11	2M40062
2M40049	MSU DSPMAILLOG *CURRENT Error o DSPMAILLOG no longer assumes the system date format is the same as the job date format when converting *CURRENT special value.	03/08/11	2M40065
2M40050	MSU DSPMAILLOG *CURRENT Error o Reissue PTF.	05/05/11	2M40065

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PTF ID	Description	Status Date	Superseded By
2M40051	IFS Path Normalization Problem <ul style="list-style-type: none"> <li>An internal table was missing '\\' code points for ccscids 1130, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1153, 1154, 1155, 1156, 1157, 1158, 1160, 1164, 1388, 1399, 4971, and 5026. As a results, path normalization from '\\' to '/' did not work correctly in these ccscids.</li> </ul>	05/05/11	2M40068
2M40052	PDD STRSEU Proxy Confuses xxxDEVGLP Cmd <ul style="list-style-type: none"> <li>CRTDEVGLP and CRTDEVGLP check for existence of command STRSEU to determine if PDM is installed and EDTF should be used instead. IBM added a STRSEU proxy command to QSYS so the check was always positive, even if PDM is not installed, causing the commands to fail on machines without PDM. The check is now qualified to library QPDA.</li> </ul>	05/05/11	
2M40053	FT2 Add CCSID Independent Open/Close <ul style="list-style-type: none"> <li>Added functions to open and close font file paths coded in any CCSID.</li> </ul>	05/05/11	
2M40054	FNT Process User Font Files <ul style="list-style-type: none"> <li>Previously, when processing fonts specified using DDS' FONTNAME() keyword, only IBM supplied fonts could be located. Now, the search for fonts follows the method used by IBM i, and user supplied fonts are correctly located and processed.</li> </ul>	05/05/11	2M40062
2M40055	FNT Added Path Ccsid To Table <ul style="list-style-type: none"> <li>Internal font table updated to add path ccscid.</li> </ul>	05/05/11	
2M40056	SCS Improved Typographic Underlining <ul style="list-style-type: none"> <li>Added export and changes to allow more accurate position calculations when *EXACT specified, benefiting underline of variable typographic fonts.</li> </ul>	05/05/11	
2M40057	GRO Enable User Specified Default Behavior <ul style="list-style-type: none"> <li>Enable external control of the device default behavior of the graphics processor.</li> </ul>	05/05/11	
2M40058	PDF Enable User Specified Default Behavior <ul style="list-style-type: none"> <li>IBM Graphic Objects typically specify details of the required rendering but can and</li> </ul>	03/08/11	2M40073

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	<p>sometimes do depend on "device default" behavior. Previously, our pdf processor's default behavior was the more detailed "character precision". For graphic objects that depend on a default behavior of "string precision", this can give odd results. The pdf processor has been updated to enable the user selectable default behavior implemented in our Graphics Processor.</p>		
2M40059	<p>PDF Media Overlay, XMP Metadata</p> <ul style="list-style-type: none"> <li>o Media overlays were being placed on the page out of order. Unless there were overlapping page segments or overlays on the page, the misordering had no visual affect. Overlapped resource were presented incorrectly. The order has been corrected.</li> <li>o Previously, PDF/A implemented the draft standard with regard to XMP metadata similar to Acrobat 7.0. The implementation has been updated to reflect ISO 19005-1:2005 as accepted.</li> </ul>	05/05/11	2M40073
2M40060	<p>MSU VFYLOCAL Turns Off *LOOPBACK at V6R1M0</p> <ul style="list-style-type: none"> <li>o Mail verification no longer turns off *LOOPBACK. At V6R1, the STRTCPIFC command issues message id TCP1B12 as a diagnostic instead of an escape. Our VFYLOCAL command was using the escape to determine is we turned on the interface and if we did, turned it off. Now the *LOOPBACK interface is left on in all cases.</li> </ul>	05/05/11	
2M40061	<p>PDF GOCA Character Data Mishandled</p> <ul style="list-style-type: none"> <li>o The "device default" value for Set Character Precision when rendering GOCA graphic character strings was inadvertently changed from "character precision" to "string precision" for IPDS, or SCS with IPDS, spooled files. This could change the size of characters when precision is not specifically set. Additionally GOCA character data was erroneously located when offset other than 0,0 specified in the graphic area. The change is reversed.</li> </ul>	05/05/11	2M40073

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2M40062	FNT Resource Resolution Conflict Corrected <ul style="list-style-type: none"> <li>o Previously, font parsing could produce errors or failed processing. The problem situation arose when identically named, but different, font resources were simultaneously parsed and the timing of the processing was unlucky. Luck is no longer required to get correct results.</li> </ul>	05/24/11	
2M40063	SND Change MIME Part Ordering <ul style="list-style-type: none"> <li>o Previously, MIME parts were added to an email under construction without regard to order. I.e. parts were added as they were processed. While this behavior is compliant with the relevant MIME specifications, it befuddles some of the most popular email clients. Outlook treats text MIME parts preceded by an attachment as an attachment, giving it a name and failing to display it. In the same scenario, Thunderbird displays the text part as intended but also assigns a name and shows it in the list of attachments muddying the overall appearance of the message.            Now, generation of MIME parts is postponed until the full content of the email is known. Once known, the text MIME parts are processed first, placing them at the top of the email in the order received, followed by any and all attachments again in the order received.</li> </ul>	06/08/11	2M40071
2M40064	PDF *EXACT/*EXACTMOD Broken <ul style="list-style-type: none"> <li>o PTF changes introduced an error. If TXTRELPOS() was set to *EXACT or *EXACTMOD, and a monospaced font was specified in an *AFPDS or *IPDS spooled file, positioning errors could occur. The error is corrected.</li> </ul>	06/08/11	2M40073
2M40065	MSU DSPMAILLOG Misleading Failure <ul style="list-style-type: none"> <li>o DSPMAILLOG was sending a "no data available" message regardless of the reason for failure of the DSPJRN command. Command now sends an "error encountered" message for DSPJRN</li> </ul>	06/17/11	

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	failures unless the failure is CPF7062 "No entries converted ...".		
2M40066	IFS Add link/unlink exports o Functions were added for creating and removing hard links for stream files.	06/17/11	2M40068
2M40067	SND File Processing Now Asynchronous o Previously when adding files as attachments, calling functions had to insure that each file was available until the email was finalized and sent. Internal processing was changed to establish hard links to the files, allowing the calling function to delete them immediately.	06/17/11	2M40071
2M40068	IFS Correct IFS1014/IFS1016 Message Usage o Corrected usage of message id IFS1014 and IFS1016.	08/20/11	
2M40069	IFS Add Message ID IFS1014/IFS1016 o Added missing message id IFS1014 and IFS1016.	08/20/11	
2M40070	SND Unlinkable File Processing o Improperly initialized variable resulted in garbage in message data for message id SND1009 and SND1030. o Objects in unlinkable file systems now handled properly.	08/20/11	2M40071
2M40071	SND New Export o New export to allow client to select synchronous vs asynchronous processing.	08/25/11	
2M40072	PDF Multi Bit Image, *EXACT & Unkown FGID o Previously, bit mapped images with more than 1 bit per pel resulted in an unviewable file. Now all bit depths are processed correctly.	10/19/11	2M40073
2M40073	PDF *TYPE3 Imbedding With Logical Base o Previously when imbedding type 3 fonts, scaling of raster font character bit images into font space assumed that the B_space dimension was coincident with the left and right edge of the raster bounding box. This is true for almost all, but not all, fonts. Now scaling is calculated based	11/14/11	

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	on a conversion from raster space to font space.		
* * * * * E n d O f L i s t * * * * *			