

4.01 July 2001 PTF Pak - 010701

17 July 2001

To All ICMS Technical Support Personnel:

This document contains a summary of the PTFs that are being shipped for ICMS Release 4.01 in the Jul-01 PTF Pak, 010701. The Pak has been tested in a customer test environment to ensure that you are receiving a quality product.

This PTF Pak has been compiled from a number of separate PTFs. These were developed as fixes to problems that have been identified from customers, and projects.

Please note PTFs should be installed into the library ICMSPTF. If you have installed an individual PTF, received after the previous 4.01 PTF Pak has been installed, then you must determine whether or not it, and/or any of its pre-requisites, need to be reapplied after you have installed this Pak.

Fix Distribution Process

The Fix distribution process for PTFs and PTF Paks is as follows.

- ?? Problem reported by a Geography L2 on behalf of a customer.
- ?? Problem resolved, tested and inspected.
- ?? PTF sent to the reporting Geography L2 together with information on any pre-requisite PTFs
- ?? The Geography L2 sends the PTF to the customer. Any changes for customer specific objects must be made prior to the PTF installation.
- ?? The Monthly PTF Pak is built from all PTFs sent to Geography L2s in the previous month, tested and sent to all Geography L2s.
- ?? The Geography L2 sends the Monthly PTF Pak to customers. Any changes for customer specific objects must be made prior to the PTF installation.

4.01 Jul-01 PTF Pak Contents

The Pak is made up of the following individual PTFs developed between 5 March 2001 to 5 July 2001. The term 'Sysroute' in the Description indicates an error initially found in another release of ICMS.

Distn #	Objects	APAR #	Description
402276	FM0201 FM0201DF	SC34060	Error message - 'Standard S&E item rate not found. S&E XXXXX not provisionable' - appears on the S&E Auto Entry Code Maintenance screen (FM0201).
402264	AR5010 AR5010DF	SC34047	Wrong amount displayed on Statement Enquiry screen
402240	SV1939CL	SC34017	Cut-off List Post (CUTLSTPOST) job produces two reports with the same filename (SV1939P1)
402238	SV3300	SC34016	Inconsistent available date for national number in national number scroll
402225	FM3310 FM3310DF ICMSMSGF	SC34007	It is possible to create a Secondary Fault, linked to a Network Fault, which cannot be posted.
402206	PL0113	SC33985	Manual Pre-Jumpered EN allocation is not populating EN onto Line Card
402203	SV2509CL	SC33982	Resync - Service Order Post Date Inconsistencies
402195	PL0721 PL0721FM	SC33972	Incorrect error message in S/O Linecard Maintenance.
402192	PL0622 PL0622P1	SC33969	Bulk Terminal ID Change - report header printed between each detail line
402189	DB2513 DB2513FM DB2513P1	SC33966	Message displayed incorrectly in Cable System ID Purge report
402178	HS5090	SC33950	Validation error will not allow a Service Order to be re-opened
402170	BL2853	SC33943	Rejected Bulk Payments do not have the last payment date field converted correctly
402150	PL0864 PL0864FM	SC33926	Cable ID Change Edit/Enquiry screen crashes
402146	CP2705 CP2711 CP2805	SC33922	Transitioning of usage record causing next record's discount amount to be overwritten
402144	SV0001 SV0591	SC33921	Instalment details not captured
402142	DD0600	SC33923	ZS Adjustment batches which do not post automatically
402139	CE0410A	SC33918	Resync - Cycle Transfer. Disconnected Services are not to be excluded from the cycle Transfer, and toll rememberisation processes.
402128	SR4021	SC33873	Partial Payment allocation results in a Statement Validation error
402115	FM3600	SC33882	Expired S&E Displayed



Distn #	Objects	APAR #	Description
402104	LN5014 PR5015 SV0120 SV0220 SV0223A	SC33883	User is able to reconnect a disconnected access number while the Access Number is in Quarantine.
402092	SV2507	SC33853	Incorrect value used to populate statement print account.
402090	SV6000	SC33851	Invalid Date format on S/O Memo record created by CATV Auto Activation
402082	CE0286	SC33850	Account Merge not updating the Payments File (BLPYMT)
402080	SV0120B SV0121FM	SC33843	Exchange Selection display incomplete.
402076	BR2010 CC0400 CP0983 CP0983DF CP0984 CP0984CL CP0984DF CP2106 CP2110 CP2112A CP2705 CP2776 CP2781 CP2805 CP2811 CRTPMH00 CRTTPM00 CRTTPM01 CRTTPM02 CR2000 CR2010 CR2060A CR2060B CR2060C CR2060W1 CR2060W2 CR2070 CR2070DF PG3032 PG3033 FX41380BJ FX41380CL FX41380DF FX413801 FX413801P1 FX413802 FX413802P1 FX413803	SC33837	Field (PMOCTC) in Rating Master Files is changed to be alphanumeric
402075	CP2705 CP2715 CP2805 CP2811	SC33842	MSPPP - No discounts given for Transition Packages
402063	BL4023 BL4023P1	SC33878	Overprinting of error messages in A/R Adjustment Post
402054	PL0555	SC33813	Manual Allocation of a network link taken from the cable pair scroll sometimes does not work
402051	SV0400 SV0400FM FX402051 FX402051CL FX402051DF FX402051P	SC33812 SC33821	402051 Planning Scheduler record created with a blank Planning Schedule Code. 401859 Resync - Work Unit Error in S/O Scheduling
402039	BL4070 SR0130	SC33804	Outed S&E Item was only partially credited back
402035	PL0341	SC33797	Unable to delete a base relationship for a switch with no allocated/working numbers.



Distn #	Objects	APAR #	Description
402027	BR0001CLA	SC33787	Number of billing servers changes between 0 & 1 when billing the last account
402019	SV0120	SC33785	S/O scheduled when work units are not available
402007	CP2705 CP2715 CP2805 CP2811 FS0130 FS0135 FS0140	SC33773	The MSPPP discount for one account in the bill comparison test does not match the discount given in the live bill run.
401995	BL4034	SC33752	Online Aging - Incorrect credit allocation
401947	BL2064 FX401947 FX401947CL FX401947DF FX401947P1	SC33831	Late Charges processing - Current charge balance
401930	PR5100	SC33669	Suppressed Auto Activation Message should have been sent
401917	SV0120 XX5012	SC33656	Cable Pair Master records not changed after S/O Deactivation
401892	SV0120 ICMSMSGF	SC33654	The S/O Contact and Scheduling function (SV0120) should reject Planning Schedule + Month not defined scenario.
401873	CL0571	SC33601	Validation of S&E frequency on update is not correct
401865	MS0063 PK0250 PK0250DF	SC33594	Rate retrieval problems determining rates for expired packages.
401856	SR0114 SR0121	SC33581	COMPTTEL Usage Type '28100' are being rejected
401834	LN5014 PR5015 SV0120 SV0220 SV0223A ICMSMSGF	SC33587	User is able to reconnect a disconnected access number while the Access Number is in Quarantine.
401830	PL0900 SV0223A ICMSMSGF	SC33534	Service Order Entry - Number Assignment Validation
401828	BL2509A	SC33555	Cycle transfer activity S&E details report (CE0430P4) has errors
401827	SV0001 SV0010B ICMSMSGF	SC32954	Secondary S/O is not created when a 'trigger' S&E Item is subsequently added to the primary S/O
401817	BL4076 BL4076FM	SC33529	The Reverse Usage Inquiry screen shows a '+' at the bottom of the screen even if the last call is currently displayed.
401811	ICMSMSGF	SC33523	Service Order Completion Message had truncated Service number
401803	LN5022	SC33517	S&E Item Rate not retrieved during the completion of a change service type Service Order



Distn #	Objects	APAR #	Description
401801	HS2502 FX401801 FX401801CL FX401801DF FX401801P	SC33516	Account Memo is written with incorrect date format
401796	SV0120	SC33874	Resync - Access Number Status in SVAUTO not updated to 'A' even when the number has been allocated
401794	CP2720 CP2720A FX401794 FX401794CL FX401794DF FX401794P1	SC33507	MSPPP Package Plan Element Discount History file Purge does not work correctly.
401772	CL0500 CL1225 CL5020 HS5003 HS5005 ICMSMSGF SV0010B SV0220 SV0223B SV1932 SV1933	SC33493	Resync - Service Order entry allows an existing Service Order number to be re-used
401768	FM3501 FM3501FM FM3502 FM3502FM FM3503 FM3503FM FM3504 FM3504FM FM3505 FM3505FM FM3506 FM3506FM FM3507 FM3507FM FM3508 FM3508FM	SC33496	Fault Number Scroll GUI Panel problems
401763	FM5120 FM5120DF	SC33495	Text 'No records to display' distorted on Customer Fault Activity Display GUI Panel
401762	PL0113	SC33490	Status of spared prejumped pair does not go back to 'P'
401756	CC0580	SC33486	Call Load Server ends abnormally with Decimal data error
401754	FM5141 FM5141DF	SC33487	System Date Format on Network Fault entry screen is not consistent
401751	FM5120	SC33480	When both a Standard and a Network Maintenance Fault are produced for the same number, the user can not access the Network Fault screen.
401726	BL3323 BL3323DF BL3323P1 BL3324R2 BL3325 BL3325DF BL3325P1 BL3326 BL3326DF BL3326P1 CE0200	SC33459	Credit Rating/Toll Limit Master not checked
401704	CP4068 CP4068P1	SC33434	The Dropped Duplicate Usage Report Quantity totals for Total Service Code and Grand total will only hold five digits.



Distn #	Objects	APAR #	Description
401700	HS5021 FX401690 FX401690CL FX401690DF FX401690P	SC333620	Resync - CATV S/O will not post due to error 'Subscriber Master record does not exist'
401692	AR5030 AR5030DF	SC333423	Statement enquiry of S&Es not showing all records
401618	@ESR0090 @ESR0192 BL4070 SR0090 SR0130	SC33364	Both item, service disconnected, with in date 1+ year ago, looping
401539	LMCL01 LMCL01FM	SC33299	S/O Lock Manager Recovery panel needs to reflect RPG screen content
401517	SV3300 SV3300FM ICMSMSGF	SC33263	National Number Scroll does not correctly scroll by exchange
401508	BL0374	SC33509	Late Charges - Overcharging when payment is made after the bill period end date
401503	CP6400 CP6400CLED CP6400CLEH CP6400CLEI CP6400CLUD CP6400CLUH CP6400CLUI	SC33249	Invalid usage records remain locked when options are cancelled
400949	FL2010	SC32736	GIS File Load Validation problem
400173	BL0100 ICMSMSGF	SC33816	Resync - SAM Maintenance - Warning message when changing franchise

New Function / Enhancements

The following APARs do not introduce completely new function but extend the existing function. It is for that reason they are mentioned here. For full details, please refer to the Implementation Instructions document shipped in the savefile I40010701

APAR SC33831 - Late Charges processing - Current charge balance (Distn # 401947)

A new system flag LCCURCHGS has been introduced to determine which file the current charge amount applicable for late charge processing is to be derived from.

- ?? Flag value = 'N' uses the Customer A/R Aging file (BLAGE) this is what is used currently
- ?? Flag value = 'Y' uses the Subscriber Accounts Receivable History file (BLHIST)

Installation Instructions

For full details on how to install a PTF Pak please refer to the '*ICMS PTF Application Guide*', a copy of which can be obtained from your Geography L2.

Pre-Requisites

The following PTFs and PTF Paks must be installed, in the following order, prior to the installation of the Jul-01 PTF Pak:

?? 010301 Mar-01 sent 12 March 2001.

General Comments on Individual PTFs

Please take note of the comments for the following individual PTFs that are included in this PTF Pak.

Distn #	Comment
402076	The file changes in this PTF must be implemented using the conversion routines supplied. Do not attempt to recreate the files using the standard CRTICMSPF or CRTICMSLF commands. Please refer to the Post-Install section of the Implementation Instructions contained in the PTF Pak Documentation savefile I40010701 for full details of the conversion process. .

Database File Changes

The DDS for the following database file or datastructure changes were shipped in this PTF Pak. Up to date copies of the ICMSFREF files are in the savefile R40010701. You should restore these files manually into the ICMSPTF library before running the file creation commands.

PTF	File(s)	Comments
402076	CRTPMH00	Rating Master Update Hold File's Toll Centre or Carrier ID field (RUHATC) is changed from packed numeric to alphanumeric format.
	CRTTPM00 CRTTPM01	Rating Master File fields OCN/CIC/Toll Centre (PMOCTC) and BOC Company Number (PMICOM) were changed from packed numeric to alphanumeric format.
	CRTTPM02	Note: File CRTTPM02 is a temporary logical file used by the Rate Master Purge Process.
	CR2060W 1 CR2060W 2	These Rating Master Temporary Work Files (based on CRTPMH00) are created by Usage functions as and when required. Note: Do not attempt to recreate any of these files using the standard CRTICMSPF or CRTICMSLF commands. Use the conversion routine (FX41380CL) supplied with this PTF Pak. For further details refer to the Pre and Post Install Implementation Instructions contained

PTF	File(s)	Comments
		in the documentation savefile, I40010701.
401618	@ESR0090 @ESR0192	Utility Program Datastructures for this billing cycle PTF

Process Control File Content Changes

The method by which the content of the Process Control files is changed has itself been changed. Previously these were done using the Copy File Add or Copy File Replace approach which had inherent disadvantages in that, without the appropriate checks being done, data could be lost from a file that was specific to the user's site, and in some cases, a duplicate record could be added.

The approach now is to use a datafix that can be run in either Report or Update mode.

?? In Report mode, the datafix will provide a report showing whether records, in the Control File, need to be updated or added, but will not perform the update.

?? In Update mode the datafix will perform the update, or addition, of records in the Control file and provide a report detailing the changes

The recommended approach is for the datafix to be run in Report mode first. After that the user can make the decision, based on the report provided, whether to run the datafix in Update mode or not.

For some Control Files, e.g. the Process Control file SYPRCX00, it is possible to add the control record via an existing ICMS maintenance function.

Details for each File Content change are described in the Implementation Instructions contained in the PTF Pak Documentation savefile I40010701.

Distn #	Objects	File	Comments
402104	Via Menu Option	SYPRCX00	The Process Code record 'AVAILDATE' must be added to the Process Control file (SYPRCX00) to control the Access Number Available Date processing function.
401947	FX401947 FX401947CL FX401947DF FX401947P1	SYPRCX00	Adds the Late Charge Current Charge Basis system flag 'LCCURCHGS' to the Process Control file (SYPRCX00).
401794	Via Menu Option FX401794 FX401794CL FX401794DF FX401794P1	PGMAST00 PGFILE00	A record for the Customer Package Plan Element Discount History File (CMPEHS00) is added to the Purge Master File PGMAST00 Adds the Customer Package Plan Element Discount History File (CMPEHS00) to the Purge File-Details File (PGFILE00). The addition of these two records will enable the purging of records within a given date range from CMPEHS00.

Conversions / Datafixes

For complete details for each conversion or datafix, please refer to the Pre and Post-Install Instructions in the Implementation Instructions document shipped in the savefile I40010701

Distn #	Objects	Comments
402076	FX41380BJ FX41380CL FX41380DF FX413801 FX413801P1 FX413802 FX413802P1 FX413803	<p>The purpose of this conversion is to ensure the Rating master file (CRTTPM00) and Rating Master Update Hold file (CRTPMH00) can now hold alphanumeric values in the OCN/Independent Company/Toll Centre fields.</p> <p>This conversion is a multi-step process;</p> <ol style="list-style-type: none"> 1. It deletes the existing logical files to CRTTPM00 and CRTPMH00 and renames them to CRTTPM@0 and CRTPMH@0 2. It then creates the new versions of the files CRTTPM00 and CRTPMH00 using the new DDS. 3. It populates the newly created files with converted data from CRTTPM@0 and CRTPMH@0.
402051	FX402051 FX402051CL FX402051DF FX402051P	This datafix will delete any invalid Planning Schedule records from the Planning Schedule File (SVPSCH00).
401801	FX401801 FX401801CL FX401801DF FX401801P	This conversion will convert all records in the Account Memo Control file (CMMEAC00) with the Effective Date in DDMMCCYY format to CCYYMMDD format.
401700	FX401690 FX401690CL FX401690DF FX401690P	This datafix will set correct the New Service Number in the S/O Equipment Item Detail X-Reference file (SVSOEQ00) for set tops that were changed within a new connect service order.

Other Details

The Pak should be installed in its entirety. You cannot choose individual objects from within it and install these only. The only exception is the updating of any Content File changes as detailed above.

Feedback

If you have any issues with this PTF Pak, or suggestions for improving the process please send it via Notes E-mail to “**ICMSU Support/New Zealand/IBM@IBMNZ**”, or Internet Id “**ICMSUSUP@nz1.ibm.com**”. Please use the problem reporting process for any ICMS product problems.

Regards,



Debbie Compton

L3 WW ICMS Product Support Manager
Customer Care and Billing Development and Support Centre
Telecommunications and Media

Appendix - PTF Pak Savefile Contents

FI40010701 - File Content Changes

*MSGF	ICMSMSGF
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GI40010701 – Changed GUI Objects

*DSPF	AR5030DF	FM3501FM	FM3504FM	FM3600FM
	BL3323DF	FM3501FM	FM3505FM	FM5120DF
	BL3325DF	FM3502FM	FM3506FM	LMCL01FM
	BL3326DF	FM3503FM	FM3507FM	SV0001FM
	CP0984DF	FM3503FM	FM3508FM	SV3300FM

RI40010701 - I4.01 Field Reference Files

*FILE	ICMSFREFA	ICMSFREFB	ICMSFREFC	ICMSFREFD	ICMSFREF
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SI40010701 - Changed Source Code

Type	Object	Object	Object	Object
*BNDDIR	CC0580	CP2720A	SR0090	SR0130
	CP2720			
*FILE	ICMSCL	ICMSPRT	ICMSRPGLE	ICMSSRN
	ICMSCLLE	ICMSRPG		

WI40010701 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLLE	CP0984CL	CP6400CLEH	CP6400CLUD	CP6400CLUI
		CP6400CLE D	CP6400CLEI	CP6400CLUH	
*PGM	CLP	BR0001CLA	SV1939CL	SV2509CL	
*PGM	RPG	AR5010	CP2106	FM3508	PL0622
		AR5030	CP2110	FM3600	PL0721
		BL0100	CP2112A	FM5120	PL0864
		BL0374	CP4068	FM5141	PL0900
		BL2064	CR2060A	FS0130	PR5015
		BL2509A	CR2060B	FS0135	PR5100
		BL2853	CR2060C	FS0140	SV0001
		BL3323	CR2070	HS2502	SV0010B



Type	Attribute	Object	Object	Object	Object
		BL3324R2	DB2513	HS5003	SV0120
		BL3325	DD0600	HS5005	SV0120B
		BL3326	FL2010	HS5021	SV0220
		BL4023	FM0201	HS5090	SV0223A
		BL4034	FM3310	LMCL01	SV0223B
		BL4070	FM3501	LN5014	SV0400
		BL4076	FM3502	LN5022	SV1932
		CE0200	FM3503	MS0063	SV1933
		CE0410A	FM3504	PK0250	SV2507
		CL0500	FM3505	PL0113	SV3300
		CL0571	FM3506	PL0341	SV6000
		CL1225	FM3507	PL0555	XX5012
		CL5020			
*PGM	RPGLE	BR2010	CP2720	CR2000	SR0114
		CC0400	CP2720A	CR2010	SR0121
		CC0580	CP2805	PG3032	SR0130
		CE0286	CP2811	PG3033	SR4021
		CP0983	CP6400	SR0090	SV0591
		CP2705			
*MODULE	CLLE	CP6400CLEL	CP6400CLEI	CP6400CLUH	CP6400CLUI
		CP6400CLEH	CP6400CLUD		
*MODULE	RPGLE	BR2010	CP2711	CP2781	PG3033
		CC0400	CP2715	CP6400	SR0090
		CC0580	CP2720	CR2000	SR0114
		CE0286	CP2720A	CR2010	SR0130
		CP0983	CP2776	PG3032	SR4021
		CP0984			
*FILE	DSPF	AR5010DF	CR2070DF	FM3504FM	LMCL01FM
		AR5030DF	DB2513FM	FM3505FM	PK0250DF
		BL3323DF	FM0201DF	FM3506FM	PL0721FM
		BL3325DF	FM3310DF	FM3507FM	PL0864FM
		BL3326DF	FM3501FM	FM3508FM	SV0121FM
		BL4076FM	FM3502FM	FM5120DF	SV0400FM
		CP0983DF	FM3503FM	FM5141DF	SV3300FM



Type	Attribute	Object	Object	Object	Object
		CP0984DF			
*FILE	PF	@ESR0090	@ESR0192	ICMSDDS	
*FILE	PRTF	BL3323P1	BL3326P1	CP4068P1	PL0622P1
		BL3325P1	BL4023P1	DB2513P1	

XI40010701 - Source for File Conversion Objects

Type	Object	Object	Object	Object
*BNDDIR	FX401690	FX401801	FX402051	FX41380BJ
	FX401690CL	FX401801CL	FX402051CL	FX41380CL
	FX401794	FX401947		
*FILE	ICMSCL	ICMSVRT	ICMSRPGLE	ICMSSRN
	ICMSCLE			

ZI40010701 - File Conversion Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLLE	FX401690CL	FX402051CL	FX41380BJ	FX41380CL
		FX401801CL			
*PGM	CLP	FX401794CL	FX401947CL		
*PGM	RPGLE	FX401690	FX401801	FX401947	FX402051
		FX401794			
*MODULE	CLLE	FX401690CL	FX402051CL	FX41380BJ	FX41380CL
		FX401801CL	FX413803		
*MODULE	RPGLE	FX401690	FX401801	FX402051	FX413802
		FX401794	FX401947	FX413801	
*FILE	DSPF	FX401690DF	FX401801DF	FX402051DF	FX41380DF
		FX401794DF	FX401947DF		
*FILE	PRTF	FX401690P	FX401801P	FX402051P	FX413802P1
		FX401794P1	FX401947P1	FX413801P1	