5.0 March, 2001 PTF Pak - 010350

26 March 2001

To All ICMS Technical Support Personnel:

This document contains a summary of the PTFs that are being shipped for ICMS Release 5.0 in the 5.0 PTF Pak, Mar-01 (010350). 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 5.0 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 PTF Pak is built from all PTFs developed after the previous PTF Pak, tested and sent to all Geography L2s.

?? The Geography L2 sends the PTF Pak to customers. Any changes for customer specific objects must be made prior to the PTF installation.

5.0 Mar-01 PTF Pak Contents

The Pak is made up of the following individual PTFs developed from 4 December 2000 to 12 March 2001.

This 5.0 PTF Pak includes, in addition to a number of individual PTFs, some 'Sysroute' PTFs (a 'resync' of an error from a lower release of ICMS). In some cases a number of items were 'Sysrouted' into 5.0 under one of them. These are included with the individual PTFs in the table below. PTFs in this Pak that are a result of 'Sysroute' activity can be identified by the term 'Sysroute' in the Description

Distn #	Objects	APAR #	Description
401781	PR3002	SC33505	Date details in S/O Posting Data Area not updated.
401735	CE5110	SC33470	Phone Number is truncated when displayed in Customer Status screen.
401720	BL4070	SC33450	S&E Proration and Report program dumps when called from Package Analyser under specific conditions
401709	CL2503 CL2506 CL2507 SR0124	SC33437	S/O Post fails with duplicate S/O record
401661	ICMSMSGF	SC33404	Incorrect message description displayed in Account Maintenance
401658	CL1530	SC33398	TAPIN usage record doesn't populate the Sub-Unit Chrging flag field (EMRBUF).
401598	CL2501 CL2502 CL2503 CL2506 CL2507 CL2508 CL2510 DL2502 DL2599 HS2501 HS2503 HS2507 HS2508 MS2505 MS2507 SR0124 SV2501 SV2507 SV2508 SV2525	SC33351	S/O Post fails when attempting to write duplicate S/O Directotry Details record.
401586	BL0105 ICMSMSGF	SC33339	Users cannot create new SAM Addresses.
401575	CL0202	SC33337	Cellular Service Order Pending Order flag reset
401569	BL2853 BL2853P	SC33321	External Remittance upload can result in wrong characters in the Account Number field.
401522	CL2507	SC33273	GSM S/O Post cannot out an active S&E Item
401519	CP2705 CP2805 CP2816 IM0195 IM3290 IM3500 SV0170 SV0171 SV2526 FX400521 FX400521CL	SC33285	Sysroute - Incorrect PIC when posting Work with Customer

Distn #	Objects	APAR #	Description
	FX400521DF FX400521P1		
401496	BR0001CLA	SC33232	Billing Status Screen is showing the number of Active Servers as zero.
401475	SV0010B	SC33215	Not able to change Service Number for 'Move Address' S/O
401469	PL0560	SC33235	Sysroute - Faulty Cable pair incorrectly spared during Fault Line Card Post
401459	SV3030	SC33201	Sysroute - PPP Jeopardy Update Server fails with array index error.
401454	ICMSMSGF	SC33173	Incorrect message displayed when Billing Run is active but the Billing Statement Jobs are inactive
401448	CL0500 ICMSMSGF	SC33186	Cannot create Cellular Order for the correct Customer
401444	AR5040	SC33266	All applicable services for an Account should be shown when selecting to view Toll Data from Statement Enquiry.
401439	FM5120	SC33206	Sysroute - the wrong Provisioning Parameter Driver is being displayed and entered into Fault records.
401432	SV0340	SC33196	Sysroute - array index error when updating Planning Schedule Details
401421	LN0004	SC33198	Sysroute - error in Work unit allocation
401419	PL0340 PL0340DF	SC33149	Base Relationship Maintenance scroll not functioning correctly (By Exchange) when more than 10 records exist for an Exchange.
401397	HS5090	SC33159	Sysroute - should Not allow Effective Connection Date earlier than Effective Disconnection Date
401387	CE0285	SC33133	Billing dropping usage on services where a disconnect S/O is posted followed By an Account merge.
401379	CE0220 CE0220DF	SC33123	Account description Maintenance allows user to add description for expired description types
401373	WF0004	SC33175	Sysroute - cannot remove tasked WFM job.
401342	CE0200 CE0285 ICMSMSGF	SC33094	Accounts can be expired when there are open/closed Service orders against the Account
401331	AR5211	SC33084	Transaction Purge deletes open A/R Tax Transactions after an account merge.
401321	BL4070	SC33058	Instalment S&Es are Not being Billed at regular intervals

Distn #	Objects	APAR #	Description
401317	SV0579	SC33074	Default S&E Item Not applied
401289	CL0590	SC33036	Network component Not populated on change of Internet ID
401285	PL2222C PL2223 PL2223C PL2223P2	SC33061	Sysroute - Exchange and Switch Code change Projects do Not Update All the files.
401255	BL5038	SC33022	Customer Details change on the WWC Screen
401220	SV2502	SC32964	Sysroute - Disconnected Phone Number Status Not updated to spare.
401193	FM5120	SC32989	Sysroute - the wrong Provisioning Parameter Driver is being displayed and entered into Fault records.
401190	SV0120 SV0220 FX401190 FX401190CL FX401190DF FX401190P	SC33125	Sysroute - S/O Scheduling S/O for Work without validating Work Units available
401167	BL4070	SC32961 SC32963	401167 Sysroute - Tax on Prorated S&E Charges is not calculated correctly. 401168 Sysroute - Discrepancies in the Prorated Tax Amount when more than one Tax rate is applied
401162	CL0520 DL0200 PR5100 SV0001	SC32896	Service orders Next Stage option Not working
401124	CL2507	SC32857	S&E Items not being 'Out'ed on Disconnect Service Orders
401062	CP2811	SC33098	Sysroute - Call Load fails during usage Qualification Process
400498	PL0113 PL0555 PL0555FM SV2540	SC33281	Sysroute - Cable pair updated incorrectly for working Network cables and plant Network updated incorrectly By S/O Cable Network
309289	CP0643 CP0643DF CP2705 CP2805 CP2806 CP2807 CP2811 CP2815 CP2816	SC32952 SC32871	309289 Sysroute - PIC Validation flag in MSPPP Not working correctly. 400441 Sysroute - Discount calculated for usage after the Package attachment expiry date.
308922	CP0571	SC32993	Sysroute - Sales Agent Tracking record Not updated

New / Enhanced Function

In an exception to our normal policy, this PTF Pak does contain an update to the following function. For full details, please refer to the Implementation Instructions document shipped in the savefile II50010350

SC32871 - Sysroute - Discount calculated for usage after the package attachment expiry date – (Distn # 400441)

This is a sysroute of functionality introduced to ICMS at Release 3.31P.

'Allow Late Usage' flag is an MSPPP function available for Usage Qualification. Currently, the user can set this flag to 'Y' or 'N' or 'I'. If 'Y', MSPPP will qualify the usage regardless of the usage date. If 'N', MSPPP qualifies only usage records with dates after the date 45 days prior to the Bill Period Begin Date. If 'I', MSPPP qualifies only those usage records within the package attachment effective and expiry dates.

From the Usage Qualification - General Information screen, a change has been made to allow the Late Usage Flag to accept additional values of either '**B'** or '**L'**.

During MSPPP processing and with Late Usage Flag set to '**B**' or '**L**', any usage records with a date on or before the package attachment expiry date will be qualified. If the package is an auto-enroll package, the usage date will be compared against the package effective date.

Installation Instructions

For full details on how to install a PTF Pak please refer to the '*ICMS Product Support User Guide & Utilities Manual'*, 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 Mar-01 PTF Pak:

?? 001250   Dec-00 PTF Pak sent 13-Dec-00

Database File Changes

The DDS for the following database file or datastructure changes were shipped in this PTF Pak. Please ensure that the ICMSDDS source file exists in the ICMSPTF library.

Up to date copies of the ICMS Field Reference files (ICMSFREF*) can be found in savefile RI50010350. These have to be restored manually, and replace the current versions presently in the library list (ICMSPTF library), **before** any changed files in this PTF Pak are recreated.

PTF	File(s)	Comments
010350		There are no database file or datastructure changes in this PTF Pak.

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 Pre-Install Implementation contained in the PTF Pak Documentation savefile II50010350.

Distn #	Objects	File	Comments

Distn #	Objects	File	Comments
010350			There are no changes to Process Control File content in this Pak

Conversions or Datafixes

The standard practice for conversions or datafixes is that they can be run in either Report or Update mode.

?? In Report mode, the conversion/datafix will provide a report showing what records, if any, in the affected file(s), need to be updated, but will not perform the update.

?? In Update mode the conversion/datafix will perform the update of the records in the affected files(s) 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. Please also refer to the Post Install Implementation Instructions contained in the PTF Pak Documentation savefile II50010350 for more details.

Distn #	Objects	Comments
401519	FX400521 FX400521CL FX400521DF FX400521P1	This datafix will change the E/A Effective Date, in the E/A Transactions (IMTEQA00) file, from zeros to the E/A S/O Date.
401190	FX401190 FX401190CL FX401190DF FX401190P	This conversion will set all negative Allocated Units in the Planning Schedule (SVPSCH) File to zero.

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

Product Support Manager
Customer Care and Billing Development and Support Centre
Telecommunications and Media

Appendix - PTF Pak Savefile Contents

FI50010350 - File Content Changes

*MSGF	ICMSMSGF

GI50010350 – Changed GUI Objects

There are no changed GUI Objects in this Pak.

RI50010350 - 5.0 Field Reference Files

*FILE	ICMSFREFA	ICMSFREFB	ICMSFREFC	ICMSFREFD	ICMSFREF

SI50010350 - Changed Source Code

Type	Object	Object	Object	Object
*FILE	ICMSCL	ICMSRPG	ICMSRPGLE	ICMSSRN
	ICMSPRT			

WI50010350 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLP	BR0001CLA			
*PGM	RPG	AR5040	CL2501	HS2508	SR0124
		AR5211	CL2502	HS5090	SV0001
		BL0105	CL2503	LN0004	SV0010B
		BL2853	CL2506	MS2505	SV0120
		BL4070	CL2507	MS2507	SV0220
		BL5038	CL2508	PL0113	SV0340
		CE0200	CL2510	PL0340	SV0579
		CE0220	CP0571	PL0555	SV2501
		CE0285	DL0200	PL0560	SV2502
		CE5110	DL2502	PL2222C	SV2507
		CL0202	DL2599	PL2223	SV2508
		CL0500	FM5120	PL2223C	SV2540
		CL0520	HS2501	PR3002	SV3030
		CL0590	HS2503	PR5100	WF0004
		CL1530	HS2507		

Type	Attribute	Object	Object	Object	Object
*PGM	**RPGLE**	CP0643	CP2811	IM3500	SV2525
		CP2705	IM0195	SV0170	SV2526
		CP2805	IM3290	SV0171	
*MODULE	**RPGLE**	CP0643	CP2815	IM3290	SV0171
		CP2806	CP2816	IM3500	SV2525
		CP2807	IM0195	SV0170	SV2526
		CP2811			
*FILE	**DSPF**	CE0220DF	CP0643DF	PL0340DF	PL0555FM
*FILE	**PRTF**	BL2853P	PL2223P2		

XI50010350 - Source for File Conversion/Datafix Objects

Type	Object	Object	Object	Object
*BNDDIR	FX400521	FX400521CL	FX401190	FX401190CL
*FILE	ICMSCLLE	ICMSPRT	ICMSRPGLE	ICMSSRN

ZI50010350 - File Conversion/Datafix Objects

Type	Attribute	Object	Object
*PGM	**CLLE**	FX400521CL	FX401190CL
*PGM	**RPGLE**	FX400521	FX401190
*MODULE	**CLLE**	FX400521CL	FX401190CL
*MODULE	**RPGLE**	FX400521	FX401190
*FILE	**DSPF**	FX400521DF	FX401190DF
*FILE	**PRTF**	FX400521P1	FX401190P