3.31 September 2001 PTF Pak - 010931

12 September, 2001

To All ICMS Technical Support Personnel:

This document contains a summary of the PTFs that are being shipped for ICMS Release 3.31 in the Sep-01 PTF Pak, 010931. 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 3.31 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 the 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.

I3.31 Sep-01 PTF Pak Contents

The Pak is made up of the following individual PTFs closed off between 2 April 2001 to 3 September 2001.

This 3.31 PTF Pak includes, in addition to a number of individual PTFs, some 'Sysroute' PTFs (a 'resync' of an error from another release of ICMS). 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
402469	SV3030	SC34253	PPP Server Job ended abnormally with Array Index error.
402451	SV0310C SV0330 SV0331CL SV0332CL SV0340	SC34240	Sysroute - Visible S/O deactivated but hidden S/O is not
402408	FM3600 FM5060 FM5081	SC34199	Faults - 'Dispatched Personnel' information is overriding the 'Assign to' field.
402387	AR5030	SC34208	The last record is not displayed on the Statement Enquiry - Rental & Activity screen.
402352	BL4021	SC34136	Job date used in payment edit/post reports rather than system date.
402348	CP2705 CP2713 CP2805	SC34126	Rounding error for MSPPP Service Level volume based package
402340	LN8040	SC34122	S/O Physical Address not using current address
402336	BR0042BJ BR0043BJ	SC34173	Sysroute - OS/400 V5R1 - Changes required for ICMS Functions
402299	CL1550CL CL1741BJ DB0336 SR0028CL	SC34150	Sysroute - OS/400 V5R1 - Changes to allow up to 250 libraries in the library list.
402286	BL4014 BL0002 BL0002FM ICMSMSGF	SC34091	If no override handling code is specified for billing parameters, credit balance accounts have blank handling code on the statement.
402267	FM5130	SC34048	Fault Stage not accepted.
402263	GUI - CP0983DF	SC34061	GUI - Does not allow 'Position to' functionality in Rating Master File Maintenance Subfile
402177	BL4082B BL4082A	SC33957	Performance issue/open service order in Write Off selection
402173	PL0110 PL0115 SV0001	SC33953	ALTNAME not displayed correctly on the S/O Entry screens
402165	FM2005	SC33955	Sysroute - Fault Purge Report Date/Overflow problems
402133	CP2705 CP2715 CP2805 CP2811	SC33909	Sysroute - Occasionally a Customer may receive a double discount for an auto-qualify MSPPP package
402125	MS0579	SC33905	Expired packages copied during a 'Move Address with Change of Number' S/O Entry

Distn #	Objects	APAR #	Description
402113	FX402113 FX402113CL FX402113DF FX402113P	SC33917	Datafix to remove invalid Equal Access records.
402110	BR2010 CC0400 CP0983 CP0984 CP0984CL CP0984DF CP2106 CP2110 CP2112A CP2705 CP2776 CP2781 CP2805 CP2811 CRTPMH00 CRTTPM00 CRTTPM01 CRTTPM02 CR2000 CR2010 CR2060A CR2060B CR2060C CR2060W1 CR2060W2 CR2070 PG3032 PG3033 FX41380BJ FX41380CL FX41380DF FX413801 FX413801P1 FX413802 FX413802P1 FX413803	SC34073	Sysroute - Field (PMOCTC) in Rating Master Files is changed to be alphanumeric
402095	CP0571	SC33856	Account Level Package Maintenance fails when no Service Code is populated on the screen.
402089	BL5020	SC33867	Payment Entry Job submitting to QBATCH instead of ICMS queue.
402086	SV1941BJ SV1941CL ICMSMSGF	SC33848	Disconnect S/O Generation Job can be submitted multiple times
402072	BL4070B BL4070C	SC33835	Internet Service number incorrectly formatted on statement
402060	FM5140 FM5140DF	SC33825	Network Fault Commitment Time display problem
402059	AR5030	SC33834	Statement Enquiry - Rental & Activity screen
402042	FM3620	SC33806	Report Code for Network Fault on Link to Network Fault prompt window is different from the report code on the Faults FastPath and Fault Scroll displays.
402026	AN0051	SC33793	Invalid internet access code in WWC does not generate error message
402021	SV5064	SC33781	Incorrect S&E items are defaulting in for New Install Service Order

Distn #	Objects	APAR #	Description
402008	AP0500CL	SC33767	Post Automatic Payment Batch Job is submitted into the wrong job queue.
402001	Documentation Only	SC33760	The Usage UTI function files CCUTIE0* and CCCERR0* are found in *PRDA when they should be in the *CALL library.
401999	AP0090CL	SC33758	Automatic Payment Batch job submitted to the wrong job queue.
401997	AA2060 ICMSMSGF	SC33756	No S/O memo is written when the message retrieved from Auto-Activation has more than 1000 characters.
401985	PR5010 SP0001 SR0001 SV0001 SV0010 SV0220 SV0590 SV0594 SV0598 SV0599 FX401985 FX401985CL FX401985DF FX401985P1 FX401985P2 FX401985P3	SC33737	The ALTNAME is not displayed correctly on some S/O Entry screens
401983	FM5120	SC33733	Creation of a new fault ticket, while a closed ticket exists, produces a fault ticket without a linecard.
401980	BL2218 BL4218	SC33731	Security Refund Report (BL2218/P1) does not print the Customer name correctly
401973	CC0501	SC33724	UTI Conversion to BLTKT Report (CC0501) fails with I/O error.
401972	AR5038	SC33728	A/R Transaction Enquiry (AR5038) does not show the correct sequence when using FIFO, LIFO, Oldest Debt and Latest Debt.
401969	PL3231CL	SC33723	Terminal Pair Build batch job is submitted to QBATCH instead of an ICMS job queue.
401966	BL3324R2 BL3327 BL3328	SC33721	Toll Limit field in Customer A/R Aging file (BLAGE) is not updated by Credit Rating Maintenance
401962	PL0886 SV2501 SV2540 ICMSMSGF	SC33712	Changes to the Service Order Post Error Reporting
401956	CR2000	SC33703	All 0800 CDRs error out with 'WB' error code
401952	PL0232	SC33695	Terminal Pair Profile Maintenance allows entry of overlapping profiles
401949	BL4021	SC33693	Customer A/R Aging file (BLAGE)- 'Record Locked' message for non-A/R payments

Distn #	Objects	APAR #	Description
401935	BLSRCN00 BLSRCN01 BLSRCN02 BLSRCN03 BLSRCN04 BLSRCN05 BLSRCN06 BLSRCN07 CE0286 CL0500 CL2502 CL2507 CL2508 CP0571 CP0573 FM2505 MS1010 MS1011 MS1011DF MS2507 SR0124 SR0127 SV0220 SV0593 SV2502 SV2507 SV2508	SC33857	S&E Movement History File processing error
401913	BL2007 BR2010 CPSUJP02 CP0777 CP0778	SC33818	Summarised Usage Billing invalid Parameter setup results in Billing Run stopping
401901	SR4021	SC33634	Incorrect payment allocation
401847	PL2434	SC33585	Service order goes into error if line card attached is reserved.
401785	FM4050	SC33779	Records are being added into the Excluded part of the Fault Analysis and the Fault Count by Plant Class reports by mistake.
401715	PG0011 PG0011DF ICMSMSGF	SC33445	Purge Master Maintenance screen validation errors result in user being unable to exit screen

New / Enhanced Function

In an exception to our normal policy, this PTF Pak does contain updates to ICMS function. 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 II33010931.

APAR # SC34073- Sysroute - Field (PMOCTC) in Rating Master Files is changed to be alphanumeric - (Distn # 402110)

OCN Numbers in Canada are becoming alphanumeric effective June 2001. Hence the Rating Master (CRTTPM00) and Rating Master Update Hold (CRTPMH00) files need changing as the fields in these files holding the OCN / Independent Company / Carrier ID information are all currently numeric.

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 Organisation.

Pre-Requisites

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

- 010431   Apr-01 PTF Pak sent 18 April, 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
402110	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 II33010931 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. 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 RI33010931. 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 / Datastructure	Comments
402110	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.
	CR2060W1 CR2060W2	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

PTF	File / Datastructure	Comments
		Install Implementation Instructions contained in the documentation savefile, II33010931.
401935	BLSRCN00 BLSRCN01 BLSRCN02 BLSRCN03 BLSRCN04 BLSRCN05 BLSRCN06 BLSRCN07	S&E Item Sequence Number added via field SCSEQ# to Service Contract Details file.
401913	CPSUJP02	Key field sequence changed so that the order the Sub Jurisdiction Percentage records are read will be Sub code, Expiry Date, Jurisdiction order, i.e. multiple jurisdictions for the same date range are checked together.

Process 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 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. These cases are described in the Pre-Install Implementation Instructions contained in the PTF Pak Documentation savefile II33010931.

PTF	Objects	File	Comments
010931	N/A	N/A	There are no Content File changes in this PTF Pak.

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 II33010931.

PTF	Object	Comments
402113	FX402113 FX402113CL FX402113DF FX402113P	This Datafix has been written to remove all those Equal Access records with blank Transaction Code and blank Status Indicator.
402110	FX41380BJ FX41380CL FX41380DF FX413801 FX413801P1 FX413802 FX413802P1 FX413803	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. This conversion is a multi-step process; 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.
401985	FX401985 FX401985CL FX401985DF FX401985P1 FX401985P2 FX401985P3	This datafix is needed to correct First/Last Name in • SVORDR00 - Service Order Master file, • SVLCD - Service Order Line Card file, and • PLTLCD - Plant Line Card file. The datafix also corrects the First Name First Flag in SVLCD and PLTLCD.

Other Details

The Pak should be installed in its entirety. You cannot choose individual objects from within it and install these only.

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,
CC&B Development and Support Centre
Telecommunications and Media

Appendix - PTF Pak Savefile Contents

FI33010931 - File Content Changes

*MSGF	ICMSMSGF			

GI33010931 – Changed GUI Objects

*DSPF	CP0983DF	CP0984DF	MS1011DF	PG0011DF

RI33010931 - I3.31 Field Reference Files

*FILE	ICMSFREFA	ICMSFREFB	ICMSFREFC	ICMSFREF

SI33010931 - Changed Source Code

Type	Object	Object	Object	Object
*BNDDIR	CR2010			
*FILE	ICMSCL	ICMSRPG	ICMSRPGLE	ICMSSRN
	ICMSCLLE			

WI33010931 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLLE	CP0984CL	SV1941BJ	SV1941CL	
*PGM	CLP	AP0090CL	BR0043BJ	PL3231CL	SV0331CL
		AP0500CL	CL1550CL	SR0028CL	SV0332CL
		BR0042BJ	CL1741BJ		
*PGM	RPG	AA2060	CL2502	FM5060	SR0124
		AN0051	CL2507	FM5081	SV0001
		AR5030	CL2508	FM5120	SV0010
		AR5038	CP0571	FM5130	SV0220
		BL0002	CP0573	FM5140	SV0310C
		BL2007	CP0777	LN8040	SV0330
		BL2218	CP0778	MS0579	SV0340
		BL3324R2	CP2106	MS1010	SV0590
		BL3327	CP2110	MS1011	SV0593
		BL3328	CP2112A	MS2507	SV0594
		BL4014	CR2060A	PG0011	SV0598

Type	Attribute	Object	Object	Object	Object
		BL4021	CR2060B	PL0110	SV0599
		BL4070B	CR2060C	PL0115	SV2501
		BL4070C	CR2070	PL0232	SV2502
		BL4082A	DB0336	PL0886	SV2507
		BL4082B	FM2005	PL2434	SV2508
		BL4218	FM2505	PR5010	SV2540
		BL5020	FM3600	SP0001	SV3030
		CE0286	FM3620	SR0001	SV5064
		CL0500	FM4050		
*PGM	RPGLE	BR2010	CP2705	CR2000	PG3033
		CC0400	CP2805	CR2010	SR0127
		CC0501	CP2811	PG3032	SR4021
		CP0983			
*MODULE	CLLE	SV1941BJ	SV1941CL		
*MODULE	RPGLE	BR2010	CP0984	CP2781	PG3033
		CC0400	CP2713	CR2000	SR0127
		CC0501	CP2715	CR2010	SR4021
		CP0983	CP2776	PG3032	
*FILE	DSPF	BL0002FM	FM5140DF	MS1011DF	PG0011DF
		CP0984DF			
*FILE	PF	ICMSDDS			

XI33010931 - Source for File Conversion Objects

Type	Object	Object	Object	Object
*BNDDIR	FX401985	FX402113	FX41380BJ	FX41380CL
	FX401985CL	FX402113CL		
*FILE	ICMSCLLE	ICMSPRT	ICMSRPGLE	ICMSSRN

ZI33010931 - File Conversion Objects

Type	Attribute	Object	Object	Object	Object

Type	Attribute	Object	Object	Object	Object
*PGM	**CLLE**	FX401985CL	FX402113CL	FX41380BJ	FX41380CL
*PGM	**RPGLE**	FX401985	FX402113		
*MODULE	**CLLE**	FX401985CL	FX413803	FX41380BJ	FX41380CL
		FX402113CL			
*MODULE	**RPGLE**	FX401985	FX402113	FX413801	FX413802
*FILE	**DSPF**	FX401985DF	FX402113DF	FX41380DF	
*FILE	**PRTF**	FX401985P1	FX401985P3	FX413801P1	FX413802P1
		FX401985P2	FX402113P		