

3.31 April 2001 PTF Pak - 010431

18 April, 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 Apr-01 PTF Pak, 010431. 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 Apr-01 PTF Pak Contents

The Pak is made up of the following individual PTFs closed off between 7 December 2000 to 2 April 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
401941	CL1280	SC33690	Can not disconnect Cellular Service due to wrong validation applied
401915	SV4510CL	SC33651	Submission of the 'Print Selected S&E Code Customers' job is not using standard ICMS submit parameters.
401910	SV2507	SC33648	Duplicate S/O S&E Item records created by S/O Post
401872	CC0411 SR0114 SR0121	SC33598	Usage Code Override does not work when AMA does not contain modules.
401858	SV0120	SC33595	Work Unit Error in S/O Scheduling
401851	CE8090 ICMSMSGF	SC33579	Deactivated Employee message on Account Memo is misleading
401805	SR4021	SC33553	Incorrect allocation of negative charge when Payment Allocation is by Transaction
401799	CC1280 CL0526 CL0527 CL1280 CL1405 ICMSMSGF FX401799 FX401799CL FX401799DF FX401799P1	SC33512	Calling Card Disconnect Service Orders result in the wrong Activity Code
401798	SR0124	SC33515	Incorrect S&E Movement History file processing
401773	SV2502	SC33494	Posting of change number service order results in duplicate S&E Item records written to file
401769	MS2505 MS2505A PR2002BJ	SC33497	Directory Reports not printed after post
401764	PL0113	SC33599	Sysroute - Status of spared prejumped pair does not go back to 'P'
401760	LN0064 SY2014	SC33489	Intermittent failure of S&E Interactive Maintenance
401749	BL4081BJ	SC33479	Write-off Post jobs were allowed to run concurrently for the same billing cycle.
401743	CL0502	SC33473	Service Order Memo option does not work in Network Independent S/O



Distn #	Objects	APAR #	Description
401739	SV0120	SC33510	Access Number Status not updated to 'A' even when the number has been allocated
401723	LN0004 SV0120 SV0120FM SV0220 SV0400 SV0400FM	SC33454	Various S/O Scheduling problems
401711	IC0600A IC0600R PLRELL15 PLRELL16 PLRELL5 PL0340 PL5215	SC33441	Base Relationship Scroll skips records
401707	BL4082B	SC33435	Accounts have active service orders yet are eligible for Write-off when they should not be.
401687	CR3000	SC33420	Prepriced handtickets with R*Q rating are processed through Call Load and rejected
401681	SV2610	SC33430	During a Bulk Number Change Project the wrong number formatting details are written to the Telephony Service Master Extension File (SUBXTL00)
401670	CL2501 CL2502 CL2503 CL2504 CL2506 CL2507 CL2508 CL2510 CL2511 ICMSMSGF MS2505 MS2507 PR2580 SV2501 SV2502 SV2507 SV2508 SV2526	SC33460	Incorrect Service Order Post error file handling
401665	CP2705 CP2710 CP2805 CP2811	SC33406	Calls are rated at the default rate plan instead of the override MSPPP rate plan
401663	CP0166 CP0570 CP0571	SC33413	Program failure when accessing Customer Package Maintenance from S&E Interactive Maintenance
401656	CE0293 MS0280 MS0292 MS0292DF	SC33402	Sysroute - Internet Service Transfer Access Number display error
401654	BLPSCA00 BLPSCA01 BLPSCA02 BL2750 BL4751 BL4752 FX401654 FX401654CL FX401654DF FX401654P1	SC33397	Paystation Commission Cheque Date processing error
401642	BL0031	SC33409	Duplicate pre-priced handticket records created
401636	PL0113	SC33557	Sysroute - Plant - S/O line card maintenance creates duplicate pairs when cable pair is spared and reattached.



Distn #	Objects	APAR #	Description
401625	SV0593	SC33412	MSPPP - Optional package S&E 'In' date changed, but is not updated
401621	BL4021	SC33394	ECA being updated when payment is outside 22 days
401603	PL0340 PLRELL15 PLRELL16	SC33354	Base Relationship Maintenance subfile does not show some records.
401595	BL4218BJ	SC33348	Security Refund batches are not posting when Adjustment Post is run.
401593	SV2501	SC33347	Closed service orders will not post due to error
401582	CE0032	SC33411	Customer Address Change does not update E/A Transactions File
401576	XX0210	SC33330	When creating Sorted Statement file (BLSTNF00) program ended in error.
401566	SV2501	SC33322	Disconnection Date in Plant Linecard file is being updated incorrectly when a Disconnection Type S/O is being posted.
401559	FM5040	SC33318	Value entered for a variable rate S&E Item is overwritten on Fault closure
401534	BL4077	SC33296	Directory Report fails when the Account has more than 200 Directory Listings
401527	FX401527 FX401527CL FX401527DF FX401527P	SC33277	Datafix for missing/duplicated cable pair records
401525	CP6400	SC33275	Incorrect message appears on the Invalid Usage and Hand Ticket Maintenance screen
401516	BL2037	SC33443	Credit adjustments are not considered in the Total Balance Due for the Reminder/Cut Off Notice Selection List
401504	BL2064 FX401504 FX401504CL FX401504DF FX401504P1	SC33251	Late Charge/Early Payment Discount reporting date is last day of current bill period
401502	CP0570CLU	SC33247	Interactive S&E function ends abnormally
401490	SV0588 ICMSMSGF	SC33228	Optional package S&E not updated
401487	BL2247A	SC33225	Customer Refund Post job error due to duplicate record in the A/R Adjustment Edit Work file (BLADED)
401486	FM5120	SC33231	The Provisioning Parameter Driver is not being populated properly during Fault creation
401482	SV0171	SC33229	Active E/A record not displayed in E/A Information Enquiry



Distn #	Objects	APAR #	Description
401479	CP0571 ICMSMSGF LN5014 LN5023 MS2507 PR5015 SV0010B SV0588 SV0590 SV2508	SC33220	Expired MSPPP package on Transfer/Change Number S/O reappearing on new number
401477	SV0220	SC33218	Service Order Due Date/Time not populated when S/O created
401462	PL0560	SC33189	Faulty Cable pair incorrectly spared during Fault Line Card Post
401450	PL0555	SC33169	Cable Pairs Scroll (PL0555) periodically shows incorrect dedicated pair status.
401441	CP0571	SC33164	S&E Item Detail file (BLUSOC) not updated correctly when package un-expired.
401435	FM5120	SC33171	The wrong Provisioning Parameter Driver is being displayed and entered into fault records.
401423	BL2565 ICMSMSGF	SC33153	Error messages in ATB parameter set maintenance are not descriptive
401414	SV0579	SC33144	Default S&E Item not applied
401409	BL5022 BL5022FM ICMSMSGF	SC33145	Sysroute - Inadequate user information (error message & screen itself) provided for invalid values entered into the A/R Adjustment description field.
401394	PL2223 PL2223C PL2223P2	SC33150	Exchange/Switch Code Change Project does not update all the files.
401391	SV2502 FX401391 FX401391CL FX401391DF FX401391P	SC33130	Disconnection of a Primary Access Number results in an additional record written to the Primary Access Number master file (BLPRIM00) by S/O Post
401388	FM2005 FM2005P1	SC33129	Faults Purge program level checking with Faults Purge Listing printer file
401365	WF0155	SC33115	WFM Job Scroll failure with array index error
401363	SV4090 SV4090P	SC33114	Overlaid output fields on S/O Memo Report
401358	PL0560 FX401358 FX401358CL FX401358DF FX401358P	SC33112	Linecard Post, that spares the Cable Pair, does not remove the Service Code from the Cable Pair record.
401356	SV0220 SV0220FM	SC33155	Contract number validation incorrect
401346	BL2571 BL2571B	SC33097	ATB Disputes (BL2572D) report incorrect
401330	CP0646B CP0647B CP2705 CP2778 CP2805 CP2811 CP2823	SC33083	MSPPP - Rate Period Discounting.



Distn #	Objects	APAR #	Description
401311	SV0220 SV0220FM	SC33054	Contract number not displayed on the initial service order entry screen for a wireline service
401303	CL2502 FX401303 FX401303CL FX401303DF FX401303P	SC33049	Account and Customer Numbers transposed in Service Contract Details file (BLSRCN00)
401301	BL2093	SC33047	Credit Rating Promotion/Demotion Report Program fails with array index error
401291	LN5014	SC33037	Closed Service Orders without a physical address cannot be opened to add the Physical address
401288	FX401288 FX401288CL FX401288DF FX401288P	SC33035	Data-fix to correct S/O Trailer file (SVTLSP00) records which have been created without a service code
401282	PL2222 PL2222C PL2222P2 PL2223	SC33032	Exchange and Switch Code Change Projects do not update all the files.
401274	FM2005 FX401274 FX401274CL FX401274DF FX401274P	SC33028	Service order linecard records are not being deleted as part of the fault purge
401270	ICMSMSGF	SC33023	Message text not displayed in Planning Schedule Maintenance
401234	BL2571 BL2571B	SC33056	ATB report not working correctly when Report Option '4' - 'Print Dispute Details' is selected.
401233	BL2044 CR2000 FS0125	SC32935	Program dumps generated during billing run when pre-priced hand tickets are entered.
401232	BL4034 SR4021	SC32982	Payment allocation incorrect causing statement validation error
401135	CL2507 SV2507 ICMSMSGF	SC32854	S&E Movement History file not always getting updated
401131	CCIGMD00 CCIGMD01 CC0040 CC0040CLE CC0040CLU CC0040DF CC0400	SC32971	Call Collection cannot process AMA records with new Modules attached
401079	AR5210	SC32821	Sysroute - All Accounts Receivable Transaction closed records are being purged regardless of the 'Number of Days to Calculate Cut-off Date' specified.
400302	CD0670 ICMSMSGF	SC32972	Re-calculate Credit Card Amount during Credit Card Transaction Post.

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 I133010431.

APAR # SC SC33251- Late Charge/Early Payment Discount reporting date is last day of current bill period - (Distn # 401504)

This PTF provides the user the ability to report either the Bill Date or the current Bill Period End Date on the Statement file. It was achieved through the introduction of a new system flag, 'LCEPRPTDAT', to the System Process Control file (SYPRCX00).

?? If "LCEPRPTDAT" = 'N' (default value), the Bill Period End Date is reported.

?? If "LCEPRPTDAT" = 'Y', the Bill Date is reported.

APAR # SC32971 - Call Collection cannot process AMA records with new Modules attached - (Distn # 401131)

This PTF allows the user to define those Modules attached to AMA records that are to be ignored by the Call Collection process. Two new files, and an associated file maintenance function, are introduced containing all the Ignore Module codes for Call Collection processing. If the Module Code is in these files then it will be ignored for Call Collection processing.

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 Apr-01 PTF Pak:

?? 001231 Dec-00 PTF Pak sent 14 December, 2000

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 RI33010431. 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
401711	PLRELL15 PLRELL16 PLRELL5	Toll Group field (RELTGP) added to the key for these Base Relationship logical files to prevent intermittent skipping of records in the Base Relationship scroll.
401654	BLPSCA00 BLPSCA01 BLPSCA02	The Last Paid Date field (PALPMY) on the Paystation Collections Activity file (BLPSCA00) has been changed from 4,0 (MMYY) to 6,0 (CCYYMM).
401603	PLRELL15 PLRELL16	New logical files to replace PLRELL6 (PLRELL15) and PLRELL14 (PLRELL16) so paging when scrolling by Service or by Number Range will not skip records
401131	CCIGMD00 CCIGMD01	These new files will contain all the Ignore Module codes for Call Collection processing. If the Module Code is in these files then it will be ignored for Call Collection processing.

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 I133010431.

PTF	Objects	File	Comments
401504	FX401504 FX401504CL FX401504DF FX401504P1	SYPRCX00	Introduces a new system control flag, "LCEPRPTDAT" that determines if the bill date or the current bill period end date is to be reported on the Statement file.
401131	Via Menu Options	SYGWHD00 SYGWIN00 SYGWDT00	Adds records to Generic Screen/Prompt Header Maintenance for the Call Collection Ignore Modules function
400302	Via Menu Option	SYPRCX00	Introduces a new system control flag 'CCPOSTADJS' used to control the recalculation of the Credit Card Amount after the Billing Run.

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 I133010431.

PTF	Object	Comments
401799	FX401799 FX401799CL FX401799DF FX401799P1	This datafix will update the Activity Code, in the Calling Card S/O Workfile (CLORCS00), for disconnect (to either 'S' or 'D') based on the Calling Card parameter files: 1) Carrier/Activity Code Relationship 2) S/O Classification Activity Code Relationship
401654	FX401654 FX401654CL FX401654DF FX401654P1	This data conversion will convert the values for the Date Last Paid field (PALPMY), in the Paystation Collections Activity file (BLPSCA00), from format MMY Y to format CCYYMM.
401527	FX401527 FX401527CL FX401527DF FX401527P	This datafix will delete duplicate records and add missing records to the Cable Master file (PLPAIR).
401391	FX401391 FX401391CL FX401391DF FX401391P	This data fix will delete any additional primary line records in the Primary Access Number Master file (BLPRIM000)
401358	FX401358 FX401358CL FX401358DF FX401358P	This datafix will remove the Service Code from the cable pair records in the Plant Cable Pair Master file (PLPAIR) that have a spare status, i.e. a status of 'S' or 'P'.



PTF	Object	Comments
401303	FX401303 FX401303CL FX401303DF FX401303P	This datafix will correct the transposition of the account and Customer Numbers in the Service Contract Details file (BLSRCN00).
401288	FX401288 FX401288CL FX401288DF FX401288P	This datafix will populate those Service Order Trailer file (SVTLSP00) records, created by the Treatment function with no Service Code, with the appropriate Service Code from the Service Order Master file record
401274	FX401274 FX401274CL FX401274DF FX401274P	This datafix will delete those Fault records from the Service Order Linecard file (SVLCD) where no Service Order Master record exists.

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

FI33010431 - File Content Changes

*MSGF	ICMSMSGF			
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GI33010431 – Changed GUI Objects

*DSPF	BL5022FM	CC0040DF	SV0120FM	SV0220FM
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RI33010431 - I3.31 Field Reference Files

*FILE	ICMSFREFA	ICMSFREFB	ICMSFREFC	ICMSFREF
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SI33010431 - Changed Source Code

Type	Object	Object	Object	Object
*BNDDIR	CC0040	CC0040CLU	LN5023	MS2505A
	CC0040CLE			
*FILE	ICMSCL	ICMSPRT	ICMSRPGLE	ICMSSRN
	ICMSCLLE	ICMSRPG		

WI33010431 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLE	SY2014			
*PGM	CLLE	CC0040CLE	CC0040CLU		
*PGM	CLP	BL4081BJ	CP0570CLU	PR2002BJ	SV4510CL
		BL4218BJ			
*PGM	RPG	AR5210	CL0502	FS0125	PR5015
		BL2037	CL0526	IC0600A	SR0124
		BL2044	CL0527	IC0600R	SV0010B
		BL2064	CL1280	LN0004	SV0120
		BL2093	CL1405	LN5014	SV0220
		BL2247A	CL2501	MS0280	SV0400
		BL2565	CL2502	MS0292	SV0579



Type	Attribute	Object	Object	Object	Object
		BL2571	CL2503	MS2505	SV0588
		BL2571B	CL2504	MS2507	SV0590
		BL4021	CL2506	PL0113	SV0593
		BL4034	CL2507	PL0340	SV2501
		BL4077	CL2508	PL0555	SV2502
		BL4082B	CL2510	PL0560	SV2507
		BL5022	CL2511	PL2222	SV2508
		CC1280	CP0570	PL2222C	SV2610
		CD0670	CP0571	PL2223	SV4090
		CE0032	FM2005	PL2223C	WF0155
		CE0293	FM5040	PL5215	XX0210
		CE8090	FM5120	PR2580	
*PGM	RPGLE	BL0031	CP0166	CP6400	MS2505A
		BL2750	CP0646B	CR2000	SR0121
		BL4751	CP0647B	CR3000	SR4021
		BL4752	CP2705	LN0064	SV0171
		CC0040	CP2805	LN5023	SV2526
		CC0400	CP2811		
*MODULE	CLLE	CC0040CLE	CC0040CLU		
*MODULE	RPGLE	BL0031	CC0411	CP6400	MS2505A
		BL2750	CP0646B	CR2000	SR0114
		BL4751	CP0647B	CR3000	SR4021
		BL4752	CP2710	LN0064	SV0171
		CC0040	CP2778	LN5023	SV2526
		CC0400	CP2823		
*FILE	DSPF	BL5022FM	MS0292DF	SV0220FM	SV0400FM
		CC0040DF	SV0120FM		
*FILE	PF	ICMSDDS			
*FILE	PRTF	FM2005P1	PL2222P2	PL2223P2	SV4090P

XI33010431 - Source for File Conversion Objects

Type	Object	Object	Object	Object
*BNDDIR	FX400521 FX400521CL	FX400632 FX400632CL	FX401044	FX401044CL
*FILE	ICMSCLLE	ICMSPRT	ICMSRPGLE	ICMSSRN

ZI33010431 - File Conversion Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLLE	FX308244CL	FX309651CL	FX400167CL	
*PGM	RPGLE	FX400521CL	FX400632CL	FX401044CL	
*MODULE	CLLE	FX400521	FX400632	FX401044	
*MODULE	RPGLE	FX400521CL	FX400632CL	FX401044CL	
*FILE	DSPF	FX400521	FX400632	FX401044	
*FILE	PRTF	FX400521DF	FX400632DF	FX401044DF	