3.31 May 2000 PTF Pak – 000531

29 May, 2000

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 May-00 PTF Pak, 000531. 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 sent to all Geography L2s since the previous PTF Pak), 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.

I3.31 May-00 PTF Pak Contents

The Pak is made up of the following individual PTFs closed off between 17 February to 25 May, 2000.

Distn #	Objects	Description
309554	PL4410	SC31071 - The disconnect date on a linecard is not printed correctly when the connect and disconnect date are the same
309551	BL5003	SC31039 - Miscellaneous line information does not match the data in the file.
309548	SR4014	SC30995 - Statement mismatch errors are occurring.
309532	PL1869A FX309532 FX309532CL FX309532DF FX3532P1	SC31105 - Resync - Bulk SAM change does not update Telephony Service Master Extension File records correctly after Change Number S/O
309526	SV3030	SC30920 - PPP Server crashes with array index error.
309523	BL5020	SC30981 - Payment Entry Job submitting to QBATCH instead of ICMS queue.
309511	DM1080	SC30877 - Dispute Posting is adds a closed dispute to usage files for billing again
309496	SV2501E	SC30867 - S/O Post Error - Record in use, unable to allocate record
309487	MS1011	SC30814 - Incorrect number format processing results in invalid line number message
309472	BL0100	SC30802 - Cable Pairs can be dedicated to one or more SAM address.
309448	AR5038 AR5038DF BL5038 BL5038FM	SC31784 - On-line Aging screen does not allow F18=Transactions when Openitem flag is 'N'
309439	SV0220	SC30768 - Number status not updated to 'A' during order entry
309435	SV0100	SC30766 - Basic order information fails when updating Secondary Sales agent file (DBSECS00)
309433	BL4021	SC30745 - One-off ECA not getting closed when full payments are made 22 days after the bill date.
309420	SV0120 SV0120FM	SC30715 - Units incorrectly being deducted if scheduling to a day with no units available
309418	CL0635	SC30714 - Error when changing ESN > 1 in the same day via order chain.
309409	MS0554	SC30660 - Unable to update directory header details
309406	SV0588	SC30656 - Incorrect validation for S/O packages
309404	DM1080	SC30771 -When updating a dispute you are forced to change the 'Resolve by Date' to today's date.
309381	GUI - DB1752DF	GUI - SC30791 - Prompt window not displaying properly
309380	GUI - SV0220FM	GUI - SC30792 - Prompt windows on fields not displaying properly.

Distn #	Objects	Description
309376	CL0520 CL0540	SC30625 - Message returned when attempting to re-use an Internet ID that has been disconnected.
309375	BL4070B	SC30624 - S&E Item appears on statement with incorrect Customer Access number
309359	GUI - DB1750DF DB0850DF CE0200DF	GUI - SC30637 - 1)CE0200 - Customer field not getting fully displayed and Handling Code field prompt problem; 2) DB1750 - prompt window not displaying properly; 3)DB0850 - No panel.
309327	CP2724 CP2724D	SC30917 - Resync - Future installments are not being discounted even though they have been billed for expired accounts
309313	DM1090 ICMSMSGF	SC30979 - Resync - - Date displayed as dd/mm/y in dispute Memos.
309307	BL3101 BL3101FM	SC30568 - SAM scroll truncates last character of exchange
309301	CP0571	SC30566 - Not able to expire a MSPPP Package less than today's date
309290	CL1280	SC30560 - Cannot process Calling Card Disconnect if Primary Card has more than 30 Calling Cards associated with it.
309286	CP2705 CP2805 CP2806 CP2811 CP2815 CP2816	SC30578 - PIC Validation flag in MSPPP not working correctly.
309278	PL0110	SC30593 - Resync - Telephony S/O creation fails after selecting Line Card Print
309251	BL0374	SC30812 - Late charges calculation algorithm is incorrect
309246	SR0119 SR0121	SC30633 - Resync - Records failing validation during Call Validation.
309236	BL2571 BL2571B	SC30497 - Resync - ATB report sort not considering negative amounts when sorting
309225	BL4070	SC30483 - For ProRate 'N'o S&E Items that are Outed on the same Date as the Billed Up To Date, Billing is still Billing them for a full period, when no Charge is due.
309223	PR5100	SC30482 - Stage code prompt not working
309199	PL0141 PL0143 SV2540 SV2540A	SC30456 - For S/O classification type 'I', the new EN status is not correct after S/O Post or online changes.
309179	BL0321 BL0321CL BL0341 BL0342 BL2037 BL4083 BL4084 BL4086	SC30740 - Cut off select for disconnect letters is not selecting correct accounts.
309169	SV2502	SC30440 - Program exception not handled correctly
309159	SR4024	SC30915 - Resync - Credit Allocation errors when OPEMITEM is "N" and AGEMETHOD is "N". (Age by due date)
309152	SV0891CL	SC30433 - Incorrect date processing
309135	CE0032 CE0032DF	SC30411 - Customer Address Enquiry - Shows additional characters

Distn #	Objects	Description
309089	PL4409 PL4409CL	SC30333 - Print Line cards job ends with error message
309085	MS2506 MS2506A	SC30332 - Service Order Post reports print unwanted pages.
309067	SV0576	SC30322 - S&E Incompatibility processing
309052	LN0280	SC30296 - Telephony Service Information not updated with Service Transfer (Interactive)
309040	CP2846 CP2853 CP2853CL CP2853DF	SC30289 - MSPPP Package Test Print Spec errors.
309027	BL2352	SC30270 - Missing G/L entries for deposit received transactions
309015	PL0141 SV2540	SC30238 - For S/O classification type 'I', the old EN status is not correct after S/O posting when overriding it with the new one using F11 key or blanking it out.
309001	SV0891CL	SC30227 - PPP Recurring reports date processing error
308981	PL0113 PL0113D	SC30471 - Resync - The cable pair record (PLPAIR) is deleted when deactivating S/O.
308978	AR5030	SC30243 - Statement Enquiry (Rental & Activity Details) scroll
308965	SV2700CL ICMSMSGF FX308964R1 FX308964R2 FX3964DF FX3964P1 FX3964P2	SC30282 - Resync - When a bulk number change is submitted the date is not passed to the submitted job
308920	SV4401CL SV4401 SV4401FM SV4402 SV4403 ICMSMSGF	SC30179 - Planning Schedule Units Used not being refresh after month end
308907	SV0010 ICMSMSGF	SC30169 - Date incorrectly formatted when writing memo details
308897	CP0571	SC30158 - Allow sales agent and secondary sales agent to be the same
308891	SV2508	SC30143 - Service order post failure, record locked to job
308887	CP2852	SC30162 - Package Analyser returning zero value if service disconnected same day
308876	MS1011	SC30124 - Service number not written to Tracking File (BLSRCN00)
308872	SV3016	SC30123 - Incorrect description for secondary sales agent on S/O Detail Enquiry screen
308871	CP2782 CP2705 CP2805	SC30126 -AS/400 Memory Allocation during Billing causes Billing Run to stop
308865	CP0571 CP0571DF	SC30118 - Incorrect sales agent processing
308849	SV0120	SC30110 - Units deducted incorrectly where schedule defined to not allow override units
308807	BL0374	SC30037 - Late charges calculated for 365 days in leap

Distn #	Objects	Description
		year and are not rounded up.
308784	PL0560 FX308784 FX308784CL FX308784DF FX3784P1	SC30025 - Cable Pair Scroll does not tie up with linecard details.
308780	BL4083 BL4084	SC30022 - Accounts selected for Reminder notices get deactivated by the Reminder notices post, due to the balance due being calculated incorrectly, when unbilled/unposted payments exist for accounts.
308773	SV2501	SC30776 - Service Orders not posting.
308764	CP2705 CP2776 CP2805 CP2811	SC30000 - First Call Record with 10 ISD digits not discounted.
308752	PL0820	SC29981 - Bulk SAM change project will not allow blank direction or apartment code in new address
308743	BL2007 BL2064	SC29973 - MSPPP Recovery during Billing Recovery is done twice resulting in wrong discounting.
308737	AA2020	SC29965 - Auto activation, the manual stage
308729	BL5032	SC30024 - Product Purchases no longer work with Performance Enhancements
308727	SV2540 SV2540A PL0141	SC30172 - Resync - Linecard status on line card scroll screen and EN status on Switch Information scroll not correct after Address Transfer
308715	BL4075	SC29941 - New Accounts are being written off during write-off process.
308709	MS2506 MS2506A	SC29915 - Names not always appearing on the S/O Post Directory Information report in the correct format
308705	FM5120	SC29913 -Customer Fault Activity does not show warning message if network fault exists for the service
308692	BL2064 BL4310P1	SC29890 - Incorrect balance passed to the Late Charges Calculation Routine from Billing.
308558	SV0802	SC29898 - Submit PPP update with date of 5/11/99 (mdy) and reenter screen, date is displayed as 11/5/99 (dmy).
308552	PL0560	SC30171 - Resync - After transferring customer address, the old cable pair is deleted from the file.
308544	LN0004 SV0001 SV0010B SV0120 SV0120FM	SC30003 - Pressing the Enter key keeps deducting units from the planning schedule.
308440	SV0100 SV0100FM ICMSMSGF	SC30064 - Resync - Error in Service Order Basic Information screen
308379	BL4021 BL4021C BL4034 SR4021 SR4023 SR4024	SC30314 - Resync - Closing Balance does not tally after Billing Run and Statement mismatch errors due to Payment Allocation problems
308307	LN8040	SC29944 - Incorrect default SAM address
308177	BL2044	SC29693 - Usage processed after effective disconnection of Service_
308028	SV2540 SV2540A	SC29388 - after done the line card service assignment, it was found that the status still showing 'S', normally it

New Function

As per our policy of not putting Functional Enhancements into our PTF Paks, there are none included in this one.

Y2K Related Items

There are no items in this Pak designated as Y2K related fixes.

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 May-00 PTF Pak:

* 000231   Feb-00 PTF Pak sent 3 March, 2000

Database File Changes

Database file or datastructure changes in this PTF Pak are listed below. An up to date copy of ICMSFREF can be found in savefile RI33000531.

PTF	File / Datastructure	Comments
308495	CLSIMB35	New logical file to assist in SP Billing Call Statistics report production

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.

PTF	Objects	File	Comments
000531			There are no Content File Datafixes in this PTF Pak

Conversions

PTF	Object	Comments
309532	FX309532 FX309532CL FX309532DF FX3532P1	Datafix to ensure that all records in the SAM Extension file have the right SAM address.
308965	FX308964R1 FX308964R2 FX3964DF FX3964P1 FX3964P2	If a Bulk Number Change has been run following the application of APAR SC28980 (I3.31 Oct-99 PTF Pak 991031), then this datafix may be required to correct possible data corruption.
308784	FX308784 FX308784CL FX308784DF FX3784P1	Datafix to correct cable pair records where the linecard sequence number has reached 1000 for any given address.

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,
CC&B Development and Support Centre
Telecommunications and Media

Appendix - PTF Pak Savefile Contents

FI33000531 - File Content Changes

*MSGF   ICMSMSGF

GI33000531 – Changed GUI Objects

*DSPF	BL3101FM	DB1725DF	DB1750DF	SV0220FM	SV0100FM
	CP2853DF				

RI33000531 - I3.31 Field Reference Files

*FILE   ICMSFREFA   ICMSFREFB   ICMSFREFC   ICMSFREF

SI33000531 - Changed Source Code

Type	Object	Object	Object	Object
*BNDDIR	BL2352	SV4403		
*FILE	ICMSCL	ICMSPRT	ICMSRPGLE	ICMSSRN
	ICMSCLLE	ICMSRPG		

WI33000531 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLLE	CP2853CL			
*PGM	CLP	BL0321CL	SV0891CL	SV2700CL	SV4401CL
		PL4409CL			
*PGM	RPG	AA2020	BL4070B	GF2001	PR5100
		AR5030	BL4075	GF2050	SR4014
		AR5038	BL4083	GF3160	SR4023
		BL0100	BL4084	LN0004	SV0001
		BL0321	BL4086	LN0280	SV0010
		BL0341	BL4804	LN8040	SV0010B
		BL0342	BL5003	MS0554	SV0120
		BL0374	BL5020	MS1011	SV0220
		BL2007	BL5038	MS2506	SV0576
		BL2037	CD0641	MS2506A	SV0588
		BL2044	CE0032	PL0110	SV0802
		BL2064	CL0520	PL0113	SV2501

Type	Attribute	Object	Object	Object	Object
		BL2401R	CL0540	PL0113D	SV2502
		BL2571	CL0635	PL0141	SV2508
		BL2571B	CL1280	PL0143	SV2540
		BL3101	CL7080	PL0560	SV2540A
		BL4021	CP0571	PL0820	SV3016
		BL4021C	DM1080	PL1869A	SV3030
		BL4034	DM1090	PL4409	SV4401
		BL4070	FM5120	PL4410	SV4402
*PGM	RPGLE	BL2352	CP2805	CP2853	SV0100
		BL5032	CP2811	SR0121	SV2501E
		CP2705	CP2846	SR4021	SV4403
		CP2724	CP2852	SR4024	
*MODULE	CLLE	CP2853CL			
*MODULE	RPGLE	BL2352	CP2782	CP2852	SR4024
		BL5032	CP2806	CP2853	SV0100
		CP2724D	CP2815	SR0119	SV2501E
		CP2724F	CP2816	SR4021	SV4403
		CP2776	CP2846		
*FILE	DSPF	AR5038DF	CE0032DF	CP2853DF	SV0120FM
		BL3101FM	CP0571DF	SV0100FM	SV4401FM
		BL5038FM			
*FILE	PF	ICMSDDS			
*FILE	PRTF	BL4310P1			

XI33000531 - Source for File Conversion Objects

Type	Object	Object	Object	Object
*BNDDIR	FX309532			
*FILE	ICMSCL	ICMSRPG	ICMSRPGLE	ICMSSRN
	ICMSPRT			

ZI33000531 - File Conversion Objects

Type	Attribute	Object	Object	Object	Object

Type	Attribute	Object	Object	Object	Object
*PGM	CLP	FX308784CL	FX309532CL		
*PGM	RPG	FX308784	FX308964R1	FX308964R2	
*PGM	RPGLE	FX309532			
*MODULE	RPGLE	FX309532			
*FILE	DSPF	FX308784DF	FX309532DF	FX3964DF	
*FILE	PRTF	FX3532P1	FX3784P1	FX3964P1	FX3964P2