3.31 August 2000 PTF Pak - 000831

18 August, 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 Aug-00 PTF Pak, 000831. 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 Aug-00 PTF Pak Contents

The Pak is made up of the following individual PTFs closed off between 25 May to 18 August, 2000.

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 #	Object(s)	APAR # - Description
701393	IM3500	SC32003 - When an LOA record is processed for an incoming LOA, the system does not behave correctly if number is not yet 'PICed'
400344	SF0010	SC32102 - Statement Printing is not including the Last T4 Record on the Statement when Show OA by Call is Yes.
400263	SV0120 ICMSMSGF	SC32037 - Work Units not added or deducted correctly in S/O Scheduling with change of S/O Type
400251	SV2508 ICMSMSGF	SC31939 - Future dates of MSPPP packages' S&E replaced with an IN date of the connection date of the Change Service order at post.
400245	MS1011	SC31901 - New S&E added to disconnected service
400241	CR2000	SC31962 - Problem with call rating report
400240	PR2579BJ	SC31929 - Sysroute - Mobile server crashes if S/O Post Recovery is submitted from the menu
400232	PL0113	SC31908 - Sysroute - Removing network from the S/O linecard which had been taken from a master linecard creates a 'S'pare or 'P'rejumper PLPAIR record while the master linecard cable pair remains 'W'orking.
400203	FM2505 FX400203 FX400203CL FX400203DF FX400203P	SC31899 - Sysroute - Fault post S&E with duplicated Sequence number
400197	CL0202 CL0203	SC32029 - Sysroute - Pending order flag cleared incorrectly.
400193	IM3500	SC31838 - Source for Edit/Post LOA Records Module resent
400186	SY2014	SC31830 - Recompile required so the object is created with the correct instructions.
400179	LN0004	SC31815 - Equal Access records not de-activated when Service Order is de-activated
400177	CE9000	SC31813 - Program generates lots of dumps.
400167	FM2005 FX400167 FX400167CL FX400167DF FX400167P	SC31811 - Fault purge does not delete Trailer File records.
400163	FX400163 FX400163CL FX400163DF FX400163P	SC31801 - Fix negative Allocated Unit values in Planning Schedule
400154	BLDNPH01 SV1941	SC31786 - Disconnect S/O not generated
400149	PL2425	SC31849 - Sysroute - Error messages causing the program to fail.
400130	SV2501	SC31748 - Unable to post Service Orders due to Exception Error

Distn #	Object(s)	APAR # - Description
400119	BL6010	SC31740 - The Bill Date for Statements is not defaulting correctly, following a February Billing Run.
400113	BL4070	SC31734 - S&E Billing Dumping with "Issued Update or Delete without prior Read or Chain"
400103	MS2505 MS2506 MS2506A SVDPUB03	SC31701 - Service Order Post Reports reprint missing Directory information.
400097	SV1941 SV1942	SC31707 - Disconnect S/O not generated, but no error message is printed
400082	SV0141CL SV4200 SV4210BJ	SC31654 - S/O print with incorrect footer information
400055	SV2502	SC31620 - Incorrect primary number on change of number
400050	MS1212	SC31611 -S&E Item Maintenance does not allow more than two rate changes within a 32 day period
400045	SV0030	SC31608 - Able to change service type during entry of a customer id transfer
400036	CE0410A	SC31606 - Cycle Transfer. Disconnected Services are not to be excluded from the cycle Transfer, and Toll Rememberisation processes.
400019	CR2000	SC31581 - CR2000 String operation error
400010	FM6015	SC31569 - User can not display Faults FastPath screen even in enquiry mode, if they have *INQONLY authority
400006	PL4409	SC31571 - Format incorrect for Print Line Card submission screen date fields.
400003	SV2502	SC31563 - Sysroute - Number category code cleared
309973	FS0021	SC31557 - Sysroute - Customer Type/Sub-type FCS Maintenance - date format is wrong
309968	DBL100FM DBL113	SC31617 - PAYADJ - Minor problems with the Payment Type Code Window
309966	ICMSMSGF	SC31550 - Auto Activation not copying the Reject message to the memo file
309950	CD0630 DD2010 FX309950 FX309950CL FX309950DF FX309950P1	SC31535 - Credit card/Direct debit - use of bill date/due date
309935	FM5240 FX309935 FX309935CL FX309935DF FX309935P1 FX309935P2	SC31846 - Sysroute - Fault credit only stores 3 characters of activity code in BLADJ
309930	SV1941CL ICMSMSGF	SC31521 - Disconnect Orders for Temporary Disconnected Customer not created
309910	SV3000	SC31505 - When writing to daily reconciliation file Out S&E item rate can be wrong.
309883	GUI - GF1050DF	GUI - SC31670 - Billed History GUI panel appears as Seagull screen
309878	BL5020 BL5020FM	SC28268 - F13 function not working correctly in payment for Temp Disc
309869	IM0190 IMTEQA14	SC31459 - Equal Access Record appear on wrong order on the subfile

Distn #	Object(s)	APAR # - Description
309850	FM5120	SC31440 - Wrong Customer Details displayed on Faults FastPath
309829	BL0037	SC31416 - Disputes Bulk Update does not validate the "flag" field
309822	SV0001 PL0900	SC31389 - The status of the Phone Number on the National Number Scroll is incorrect when the user cancels S/O.
309819	CE0101	SC31418 - Page Down function does not work customers with many records
309811	EM0160 EM0160DF	SC31404 - Street Subtitle field is displayed as 4 characters long when it's actually only 3 characters long.
309807	CE0020 CE0020DF CE0045 CE0045DF CE0046 CE0046DF CE1145 CE1145DF	SC31542 - Require Customer Title to be in upper/lower case
309803	CL1342	SC31821 - Sysroute - Service User/Mobile Enquiry Page Down Function Key sometimes does not work.
309796	CR2055 ICMSMSGF	SC31393 - CR2055 Error Code summary page incomplete.
309768	SV4200 SV4200P	SC31367 - Service Order Due Date is printed as DD/MM/YY format when System Date format is MM/DD/YY
309751	FX309751 FX309751CL FX309751DF FX309751P	SC31843 - Sysroute - Retrieval of network component id not working for cellular as Program Access Cross-reference File records missing
309748	SV0000CLF	SC31335 - Telephony Service Order S&E function, accessed from WWC Enquiry, fails with a file not found error
309745	EM2020	SC31333 - Order not allowed to close if no related record in the S/O Subscriber Billing Information File
309737	FX309532	SC31809 - Sysroute - Datafix program updates SUBXTL records with SAM address of disconnected service
309729	SV1941BJ SV1941CL ICMSMSGF	SC31331 - Disconnect Order Job ends abnormally due to failure to find Planning Schedule Update Reply Data Queue
309728	CP2854	SC31310 - MSPPP Print specification data not displaying in fields
309694	CE0708 ICMSMSGF WF0511 WF0521	SC31807 - Sysroute - Franchise/Division relationship in WFM Files not in synch with Franchise Master File
309677	MS2507 PR2580 SV2501 SV2526 ICMSMSGF	SC31272 - Service Order Post Recovery report is listing all errors as 'Unknown'.
309676	BL2044	SC31261 - Poor Call Rating Performance Problem
309651	SV2501 SV2526 FX309651 FX309651CL FX309651DF FX309651P	SC31248 - Orders are not being posted, message on S/O post order rolled back reset.

Distn #	Object(s)	APAR # - Description
309649	FM5140 ICMSMSGF FX309649 FX309649CL FX309649DF FX309649P	SC31387 - The Network fault screen allows you to enter either N or M whether the customer records are setup or not.
309647	CR2000	SC31245 - UTI Records are being dropped incorrectly
309643	SV2320	SC31238 - A National Number with status 'A' is changed to 'S' after the National Number is rebuilt
309639	DM1080	SC31203 - Inconsistent disputed usage processing
309636	BL4070 CL2501 CL2507	SC31208 - Sysroute - Billing run dumps on Rate Retrieval of an S&E Item
309624	BR0191	SC31246 - Effective date in BLBROS00 not updated correctly.
309596	XX5012	SC31136 - Plant master linecard memo details do not default into Service order master linecard details
309583	BL2007	SC31100 - Call Type Group not populated on the T1 Record
309573	PL0141	SC31077-The EN status is not correct after online changes for DDI service order.
309540	CL0500 CL0550	SC30974 - Internal processing problem causes program to not display during order entry.
309464	CE5100	SC31442 - Original Line Description for a disconnected Access Number is displayed when the Number is used for another Customer/Account
309270	GF1021 GF1021DF GF1050 GF1050DF GF1060 GF1060DF SF0010	SC31669 - Sysroute - Scroll not working on billed history for generic feeds. Statement print correction.
309131	SR4021	SC31733 - Sysroute - A/R allocations not reversed when allocation amounts are negative.
308742	SV2507	SC31140 - S&E Type 'D' Display Items are not being outed when a service is disconnected
308244	SV2320 FX308244 FX308244CL FX308244DF FX308244P	SC29467 - Incorrect 'Number Available Date' being calculated
306768	PL1222A PL1222FM PL1223A PL1223FM	SC31803 - Sysroute - Function Keys not showing on Project Listing Screen

New Function

As per our policy of not putting significant 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 Aug-00 PTF Pak:

- 000531   May-00 PTF Pak sent 9 June, 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 RI33000831.

PTF	File / Datastructure	Comments
400154	BLDNPH01	Shipment to ensure correct version of the DDS on Customer site; no functional changes.
400103	SVDPUB03	New logical file to assist in ensuring S/O Post Reports Reprint results in a Directory Report being produced.
309869	IMTEQA14	New logical file to ensure PIC records in Equal Access History display with latest firt.

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 II33000831.

PTF	Objects	File	Comments
400003	Via Menu Path 1,1,66,1,1	SYPRCX00	Add the process code NUMBERCATC, which can be used to determine whether or not the number category code was being cleared on the S/O Phone Number Detail file (SVAUTO) once the S/O was posted.
309950	FX309950 FX309950CL FX309950DF FX309950P1	SYPRCX00	A new record CCDDACTDAT in the System Control File (SYPRCX00) will be used to determine if the Credit/Charge Card or Direct Debit active on the Bill Date or Due Date will be used.
309751	FX309751 FX309751CL FX309751DF FX309751P	MSXREF00	This will add the new PPDCODERTV records to the Program Access Cross-reference File (MSXREF00). These new records will be used to Retrieve The Network Component for each service. This will then enable the service orders to be advanced to each next stage by using the F10=Next Stage function key.

Conversions

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 II33000831.

PTF	Object	Comments
400203	FX400203 FX400203CL FX400203DF FX400203P	Datafix to fix those duplicated Sequence No. records in S&E File (BLUSOC) created when credit is generated for permanent S&E during Fault Post.
400167	FX400167 FX400167CL FX400167DF FX400167P	If a Fault Purge has been run this datafix will delete records from the S/O Trailer file (SVTLSP01) where no corresponding S/O Master record exists in the S/O Master file (SVORDR00).
400163	FX400163 FX400163CL FX400163DF FX400163P	Datafix to set all negatively allocated units in the Planning Schedule file to zero.
309935	FX309935 FX309935CL FX309935DF FX309935P1 FX309935P2	A data-fix to ensure that the data for the credit adjustments, created by a fault on the service, has the appropriate activity code associated with it.
309737	FX309532	This Datafix will ensure that all records in the Service Master extension file, SUBXTL00, have the correct SAM address. The process uses the SAM address from the Service Master file, BLSUBI00, to update the extension file as required. .
309651	FX309651 FX309651CL FX309651DF FX309651P	Datafix to allow 'visible' Service Orders to be posted by changing the status of the associated 'hidden' Service Orders appropriately.

PTF	Object	Comments
309649	FX309649 FX309649CL FX309649DF FX309649P	Datafix to ensure that all records in the Faults Master File (FMFTMX00) have a valid entry in the Fault Code field (FTMFTY).
308244	FX308244 FX308244CL FX308244DF FX308244P	A datafix to ensure that all records in the Phone Number Detail file (SVAUTO) have a valid service available date field (SVAVLD).

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

FI33000831 - File Content Changes

*MSGF   ICMSMSGF

GI33000831 – Changed GUI Objects

| ***DSPF** | BL5020FM | GF1021DF | GF1050DF | PL1222FM | PL1223FM |
| | FS0021DF | GF1060DF | | | |

RI33000831 - I3.31 Field Reference Files

*FILE   ICMSFREFA   ICMSFREFB   ICMSFREFC   ICMSFREF

SI33000831 - Changed Source Code

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

WI33000831 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*PGM	**CLE**	SY2014	SV1941BJ	SV1941CL	
*PGM	**CLP**	PR2579BJ	SV0000CLF	SV0141CL	SV4210BJ
*PGM	**RPG**	BL2007	CL0203	FS0021	PL4409
		BL2044	CL0500	GF1021	PR2580
		BL4070	CL0550	GF1050	SF0010
		BL5020	CL1342	GF1060	SV0001
		BL6010	CL2501	LN0004	SV0030
		BR0191	CL2507	MS1011	SV0120
		CD0630	DBL113	MS1212	SV2320
		CE0020	DD2010	MS2505	SV2501
		CE0045	DM1080	MS2506	SV2502
		CE0046	EM0160	MS2506A	SV2507
		CE0101	EM2020	MS2507	SV2508
		CE0410A	FM2005	PL0113	SV3000
		CE0708	FM2505	PL0141	SV4200
		CE1145	FM5120	PL0900	WF0511
		CE5100	FM5140	PL1222A	WF0521

Type	Attribute	Object	Object	Object	Object
		CE9000	FM5240	PL1223A	XX5012
		CL0202	FM6015	PL2425	
*PGM	**RPGLE**	BL0037	CR2055	SR4021	SV1942
		CP2854	IM0190	SV1941	SV2526
		CR2000	IM3500		
*MODULE	**CLLE**	SV1941BJ	SV1941CL		
*MODULE	**RPGLE**	BL0037	IM0190	SR4021	SV1942
		CR2000	IM3500	SV1941	SV2526
		CR2055			
*FILE	**DSPF**	BL5020FM	CE0046DF	EM0160DF	GF1060DF
		CE0020DF	CE1145DF	GF1021DF	PL1222FM
		CE0045DF	DBL100FM	GF1050DF	PL1223FM
*FILE	**PF**	ICMSDDS			
*FILE	**PRTF**	SV4200P			

XI33000831 - Source for File Conversion Objects

Type	Object	Object	Object	Object
*BNDDIR	FX308244	FX309649CL	FX309935	FX400167
	FX308244CL	FX309651	FX309950	FX400167CL
	FX309532	FX309651CL	FX400163	FX400203
	FX309649	FX309751	FX400163CL	FX400203CL
*FILE	ICMSCL	ICMSPRT	ICMSRPGLE	ICMSSRN
	ICMSCLLE			

ZI33000831 - File Conversion Objects

Type	Attribute	Object	Object	Object	Object
*PGM	**CLLE**	FX308244CL	FX309651CL	FX400167CL	FX400203CL
		FX309649CL	FX400163CL		
*PGM	**CLP**	FX309751CL	FX309935CL	FX309950CL	

Type	Attribute	Object	Object	Object	Object
*PGM	**RPGLE**	FX308244	FX309651	FX309950	FX400167
		FX309532	FX309751	FX400163	FX400203
		FX309649	FX309935		
*MODULE	**CLLE**	FX308244CL	FX309651CL	FX400167CL	FX400203CL
		FX309649CL	FX400163CL		
*MODULE	**RPGLE**	FX308244	FX309651	FX309950	FX400167
		FX309532	FX309751	FX400163	FX400203
		FX309649	FX309935		
*FILE	**DSPF**	FX308244DF	FX309751DF	FX309950DF	FX400167DF
		FX309649DF	FX309935DF	FX400163DF	FX400203DF
		FX309651DF			
*FILE	**PRTF**	FX308244P	FX309751P	FX309950P1	FX400167P
		FX309649P	FX309935P1	FX400163P	FX400203P
		FX309651P	FX309935P2		