5.1 Aug, 2002 PTF Pak - 020851

29 Aug 2002

To All ICMS Technical Support Personnel:

This document contains a summary of the PTF's that are being shipped for ICMS Release 5.1 in the PTF Pak, Aug-02 (020851). 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 PTF's should be installed into the library ICMSPTF. If you have installed an individual PTF, received after the previous 5.1 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.

5.1 Aug-02 PTF Pak Contents

The Pak is made up of the following individual PTFs developed from 17 May 2002 to 01 August 2002.

This 5.1 PTF Pak includes, in addition to a number of individual PTFs, some 'Sysroute' PTFs (a 'resynch' of an error from a lower release of ICMS), as a result of an initiative undertaken to speed up the fixing of errors, found at lower releases, in 5.1. To assist in this individual items were grouped together by object, so that in some cases a number of items were 'Sysrouted' into 5.1 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 #	APAR #	Description
403549	SC35496	Missing Returns Batch job submitted when TAP In-Collect is out of sequence.
403529	SC34597	Credit S&E Item for an 'Outdate' prior to the earliest BLSERT00 record credits one day extra.
403513	SC35453	S/O Post and Equal Access Disconnected.
403512	SC35457	S&E 'Outdate' prior to 'Indate' able to be Provisioned.
403510	SC35451	Incompatible S&E provisioned for this S/O.
403503	SC35444	High Usage Report job crashes when there are more than 99 active customer sub-types.
403497	SC35433	Inconsistent Network Fault and Common Fault displays.
403496	SC35431	Incorrect values displayed MSAG Master Maintenance screen (EM0100).
403494	SC35435	Sysroute - Ability to Stage a Posted Service Order is possible for Closed S/O's.
403482	SC35426	Submitted Credit Rating Listing job has a nondescript job name.
403478	SC35427	Fault Scroll defaults problems.
403476	SC35417	Cable Pair reserved date displayed in a fixed format.
403473	SC35436	Sysroute - Digital-S/O Equipment Enquiry Screen sends hits when the <Enter> key is pressed.
403471	SC35440	Sysroute - Problem with Extension Fault creation.
403468	SC35412	User cannot close/maintain a Fault S/O with only FM_CREATE authority.
403455	SC35404	It is possible to create a Network Fault with the Lock Manager not being active.
403452	SC35402	S/O Post error handling process is failing.
403451	SC35400	Non Add Converter Move error.

403446	SC35395	Error in DPISBMJOB causes associated jobs to crash.
403432	SC35401	Expired postal addresses are being retrieved on accounts with no Account Level address.
403430	SC35383	Error on running Monthly Account & Charge Code Billing Recap report.
403426	SC35376	S/O Post does not complete when changes are made to S&E Movement Report maintenance.
403424	SC35479	Customer Title Description does not accept mixed case input.
403410	SC35358	Error when deactivating Telephony Service Order.
403405	SC35360	Field ARAMT in Statement file ARSTOC00 is incorrectly formatted.
403404	SC35353	Caller ID Tap creation function 'Send transmission flag = 4' not implemented.
403403	SC35371	Sales details cleared on CL0500 on pressing <Enter>, thereby requiring re-entry.
403400	SC35354	No gaps allowed in PayStation Master file when adding records for a Service.
403395	SC35347	Reported S&E amounts on BL3313 report incorrectly when the S&E quantity is greater than 1
403387	SC35336	Cable Pair/Terminal Relationship screen may show incorrect Terminal ID after positioning.
403384	SC35415	Change in S/O Due Date does change the time of activation.
403381	SC35330	WWC Dynamic Menu Performance issues.
403371	SC35394	Account Maintenance Current Billing Cycle Field should be restricted.
403363	SC35313	New Customer Title Maintenance requires mixed case entry.
403361	SC35331	Sysroute - Service Code for a GSM account in WWC defaults to TL.
403358	SC35302	Customer Refunds Post allows user to submit post job multiple times.
403349	SC35289	The S&E Item Movement History File is not updating correctly.
403337	SC35264	Discount Table screen does not show negative rates.
403336	SC35262	FastPath crashes due to an 'Attempt to update without prior read' error.
403333	SC35446	Maximum file size reached for CMPKGSWF.
403332	SC35251	Page Up/Down processing error in 'Display MD Test Result' scroll functionality.
403329	SC35320 SC35248	SVAUTO is updated with a blank Switch Code (also a problem with incorrect Stage Code).

403321	SC35254	ALI file sends a delete and insert record for a new number.
403320	SC35253	Sysroute - Cycle Transfer of Services with S&E Items assumes a quantity of 1, resulting in a reconciliation error after first Billing.
403316	SC35239	PayStation Collections Listing is not listing in Service Number Order.
403314	SC35237	Incorrect detail sent for Caller ID records on a Disconnected service
403311	SC35250	S/O Directory Information reports are occasionally printing incorrect information.
403303	SC35225	Recalculation error with the Direct Debit amount, for an account with a payment reversal greater than the payment and a credit adjustment.
403302	SC35448	Sysroute - AA2060 crashes with an array index error.
403283	SC35259	Sysroute - Directory records in the BLDIR are left unpaired.
403259	SC35280	MSPPP Substitution Variables '&47' and '&48' are assigned incorrectly.
403247	SC35258	Sysroute - Unable to select for Write-off when deactivated Returned Cheque is available in maintenance file BLNSFM.
403228	SC35139	Mediation Device test results are not being retrieved.
403218	SC35129	SAM Bulk Change does not function correctly.
403128	SC35158	Service Order Purge enhancement.
403120	SC35466	Update the AA functionality with a number of changes.
403084	SC35147	PayStation report varies between I3.31P and I5.1P
402966	SC35257	EMI categories (51 and 58) Usage processing enhancement.
402614	SC35372	Sysroute - An invalid Outdate for S&E is allowed on S/O Service and Equipment file (SV07).

Non-PTF Developments

The following Development Projects have been included in this Pak. Rather than addressing existing base software errors, these projects either enhance existing functionality or add new functionality to the ICMS product.

Further information on the projects can be found under the *'New Function / Enhancements'* sub-heading.

Distn #	PCS #	Description
004669	4669	Service and Equipment Pro-ration and Credits.
004657	4657	Electronic Invoice Subscription.
004628	4628	JWALK green screen development.

004607	4607	Generic Usage and Roaming Data Capture.

GUI Only PTFs

The following PTFs are classified as '*GUI Only*'. For these PTFs no AS/400 code was changed or shipped; instead changed GUI objects for the Display listed were shipped in a GUI savefile.

These, along with any GUI elements of standard PTF's, have been merged into the GUI savefile for this PTF Pak GI51020851.

Distn #	Objects	APAR #	Description
403380	BL5110DF	SC35327	GUI - Aging Hierarchy Enquiry title line displays invalid characters.

New Function / Enhancements

The following APARs do not introduce completely new function but extend the existing function.

PCS projects that are listed detail new functionality that has been developed and added to the ICMS Release 5.1 product as part of this PTF Pak.

For full details of these function changes / enhancements, refer to the Implementation Instructions contained in the PTF Pak Documentation savefile II51020851.

APAR # SC35158 - Service Order Purge enhancements - (Distn# 403128)

Although new S/O files and Fault Files have been created over time, the Purge processes have not been consistently updated to cater for these new files.

Additionally, the existing Purge processes were written to process all Service Orders and all Faults, without efficient filtering using the Purge criteria.

Post-Install instructions for this project detail:

   i)   a datafix to update file PGFILE00, and

   ii)   a manual change that is required to update the Service Order Purge Parameters screen.

APAR # SC35466 - Auto Activation enhancements - (Distn# 403120)

This PTF contains 8 enhancements to the Auto Activation function:

   i)   Added S/O Type as a key to the selection of BOWs for an Order.

   ii)   Addition to Mediation Device values conversion.

   iii)   Allow Telephony S&E items maintenance to obtain 'user collectable' generic parameters.

   iv)   Modifications to Service Order report produced at the AA failure stage.

   v)   Modify the TCPIP Event Handler to recognise the 'currentpoll' protocol of the COMPTEL device.

   vi)   Modify the BOW engine to re-enqueue old pending events.

   vii)   Modify the COMPTEL interface to accept a 10 character Task Number field.

   viii) Create base exit programs for retrieving the ESN required for the activation of Analogue cellular services.

APAR # SC35257- EMI 51 and 58 Rating Enhancement - (Distn# 402966)

Base ICMS software has been enhanced to have the ability to accept and process EMI categories 51 (Cancel Billable Records) and 58 (Cancel Unrated Record).

These categories are sent to the incumbent Telco to cancel/terminate previously sent usage records.

PCS # 4669 - Service and Equipment Pro-ration and Credits - (Distn# 004699)

This PTF addresses calculation accuracy issues when crediting back multi-period S&E items with rate changes.

A new Billed S&E Rates file (BLSERT00) has been created to record historic data relating to the amount an S&E was billed for. When crediting back an S&E item, the billed value will be retrieved from this file.

PCS # 4657 - Electronic Invoice Subscription - (Distn# 004657)

This enhancement is part of the 5.1.5 development to enable API access to ICMS functions.

Four items are addressed in this PTF:

i)   Account Name maintenance.

ii)   Supplementary Services.

iii)   Channel Configuration.

iv)   Electronic Invoice Subscription.

PCS # 4628 - JWALK green screen base error fixes - (Distn# 004628)

This enhancement is part of the 5.1.5 development to enable the use of the JWALK product.

PCS # 4607 - Generic Usage Data Capture - (Distn# 004607)

This enhancement is part of the 5.1.5 development to enable the capture of generic data from the COMPTEL file and Roaming In-Collect files.

This enhancement will also allow Roaming Out-Collect to populate files from generic usage data and generic usage parameters.

This enhancement also supercedes changes made to Base code as part of APAR SC35215.

Installation Instructions

For full details on how to install a PTF Pak please refer to the '*ICMS PTF Application Guide*', a copy of which can be obtained from your Geography L2.

Note: Some of the ICMS PTF Installation Objects in library ICMSPSUP were changed for 5.1. Please ensure that you are using the latest versions that were sent with the initial release of 5.1. In addition to that please check that the data area CHGCTLDTA and the command APYICMSPTF exist only in library ICMSPSUP. Any other versions must be deleted.

New GUI Installation procedure

GUI Changes are no longer being made in the Document Library System (DLS), but have been migrated in the Lab into the Independent File System (IFS).

To restore GUI changes from the GUI savefile GI51020851, customers are required to perform the following steps in the IFS:

i)   MKDIR '/es'

ii)   MKDIR '/es/gui'

iii) MKDIR 'es/gui/icmsptf'

iv) MKDIR 'es/gui/icmsptf/g020851'

v)   RST DEV('/qsys.lib/**<paklib>**/gi51020851.file) OBJ(('/es/gui/icmsptf/g020851/*'))

Note: **<paklib>** - Library in which the GUI savefile G51020851 is located.

Pre-Requisites

The following PTFs and Paks must be installed, in the following order, prior to the installation of the Aug-02 PTF Pak:

?? 020551   May-02 PTF Pak shipped 30-May-02

General Comments on Individual PTFs

Please take note of the comments for the following individual PTFs that are included in this PTF Pak. Full details can be found in the Implementation Instructions file contained in the PTF Pak Documentation savefile II51020851.

Distn #	Comment
403529	This PTF fixes two errors relating to code changes made in enhancement 004669. For reference, if 004669 is applied to a customers system as an individual PTF, 403529 **MUST** be applied afterwards.
403446	A crash occurs when more than 30 Libraries are present in the user Library List. This affects installations using Operating System V5R1 and above, which introduced the 250 limit to the user Library List. **IMPORTANT**: Please apply the amended DPISBMJOB program to the same library as your current version. To check which library your current version resides: 1) Set up your ICMS library list 2) On a command line, WRKOBJ DPISBMJOB. Note the library.
403316	This PTF contains file modifications to Payphone Collections File (BLPSTC00). Because no file conversion has been provided, this PTF **MUST** be applied when the BLPSTC00 file is empty (i.e. after Payphone Adjustments has been run for ALL cycles, and before Collection entry resumes).
403128	A manual update of the S/O Purge Operator Instructions is included as part of this PTF. This change is cosmetic, but recommended.
403120	This PTF contains 8 enhancements to the Auto Activation function. If custom modifications have been within the local Auto Activation functionality, review these enhancements carefully. Before application of this PTF, Auto Activation servers **MUST** be terminated.

004657	Files CMACCD00 and CMACCT00 have been modified in this development These files have triggers associated with them that **MUST** be added after the recreation of the physical files. Objects RTVUSRLIB and XX0010 (which reside in the ICMS system libraries), **MUST** be replaced with the new versions included in the development.
004607	The Implementation Instructions relating to 5.1.5 development are complex, and require complete understanding before attempting to implement this enhancement. Several TAP PTFs have been Sysrouted into this development. The APAR numbers associated with these fixes and their descriptions, can be found in the Implementation Instructions document. The associated conversion software contains several datafixes and conversions; some mandatory, some optional. For a number of the file changes made as part of this enhancement, the conversion jobs must be run. **Do Not** attempt to create these files using the standard CRTICMSPF and CRTICMSLF commands.

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 RI51020851. These have to be restored manually, and replace the current versions presently in the library list (ICMSPTF library), **before** the changed files in this PTF Pak are recreated.

Note - For full descriptions of any file modifications, see notes in the DDS and Implementation Instructions. Files listed with no Change Description had no change referenced in the DDS.

New Physical or Logical files created has details marked in BLUE.

Distn #	Objects	Change Description
403316	BLPSTC00 BLPSTC01 BLPSTC02 BLPSTC03 BLPSTC04	Added Access Number field (PCAN) to file BLPSTC00. Added Access Number key (PCAN), and deleted Service Number key (PCSN) from file BLSTC02.
403283	SV05L1	New logical file over SV05.

403128	PGMEXT00 PGMEXT01	New Purge Master Extension file. New logical file over PGMEXT00.
403120	AABOWL00 AABOWL01 AABOWL02	Added S/O Type field (SOTY) to AABOWL00 Added S/O Type key (BFSOTY) to AABOWL01.
	AAFFMD00 AAFFMD01	New file F&F to MD Value Translation file (AAFFMD00). New logical file over AAFFMD00.
	AAOTSK00 AAOTSK01 AAOTSK02	Modified Task Number field (OTTSK#) in file AAOTSK00. Added End-of-Packet Marker field (RXENDP) to file SYRXLT00.
	SYRXLT00 SYRXLT01	
402966	BLTRNF05	New logical file over BLTRNF00. New Usage Delete Request file (CPDLUS00).
	CPDLUS00 CPDLUS01 CPDLUS02	New logical files over CPDLUS00. Added Number of Days field (PINODY) to file CRPICP00.
	CRPICP00	
004669	BLSERT00 BLSERT01	New Billed S&E Rates file (BLSERT00). New logical file over BLSERT00.
004657	CMACCD00 CMACCD01	Added Update ID field (ABUPID) to CMACCD00 Added Update ID field (ACUPID) to CMACCT00
	CMACCT00 CMACCT01 CMACCT02 CMACCT03	
004628	BLTRRC02	New logical file over BLTRRC00.
004607	BLDFMT00	**All BL*, CLOUCL*, AND RTDAUR* files are created via the conversion routines supplied. See Post Install Instructions for details.**
	BLINAU00 BLINAU01	**EMRFMT00 must be created in the PTF Library using the following command:**
	BLINVL00 BLINVL0 BLINVL02 BLINVL03 BLINVL04 BLINVL05 BLINVL06 BLINVL07	CRTPF FILE(@PTF/EMRFMT00) SRCFILE(ICMSDDS) Added Generic Usage Data (EMRGUD) to all BL* files.

	BLINVL08 BLINVL09 BLINVL10 BLINVL11	Files created on compile will also have this field added.
	BLRJWK00	Modified Filler field (COFIL), and added Generic Usage Data filed (COGUD) in file CCERCO00.
		Modified Filler field (COFIL), and added Generic Usage Data filed (COGUD) in file CCRVCO00.
	BLTFRSUS BLTFRSU1	Added Population Sequence field (DFPOSQ) to file CLDFLT00.
	BLTFRTAPF	Added Population Sequence key (DFPOSQ) to file CLDFLT01.
	BLTLDLD	Added Application Code field (GRAPCD) to file CLFGRP00.
	BLTLWK00	New logical file over CLFGRP00.
		Added Application Code field (FDAPCD) to file CLFLDD00.
	BLTL010 BLTL010B BLTL010C	New logical file over CLFLDD00.
		Added Value field (FLVAL) to file CLFLDF00.
	BLTL011 BLTL011B BLTL011C	New logical files (CLFLDF04, CLFLDF05) over CLFLDF00.
		Added Application Code field (FMAPCD) to file CLFLDM00.
	BLTL012 BLTL012B BLTL012C	New logical file (CLFLDM02) over CLFLDM00.
		Added Application Code field (FSAPCD) to file CLFLDS00.
	BLTL013 BLTL013B BLTL013C	New logical file (CLFLDS02) over CLFLDS00.
		Added Application Code field (VLAPCD) to file CLFVAL00.
	BLTOWK00	New logical file (CLFVAL02) over CLFVAL00.
		Added Application Code field (GRAPCD) to file CLGRPD00.
	BLTRNF00 BLTRNF01 BLTRNF02 BLTRNF03 BLTRNF04	Added Application Code field (GRAPCD) to file CLGFMT00.
		New Generic Data Capture file (CLGFMT00).
	BLUSGT00 BLUSGT01	New logical files (CLGFMT01, CLGFMT02) over CLGFMT00
	CCERCO00 CCERCO01	Added Application Code field (GCAPCD) to file CLGRPD00.
		New logical file (CLGRPD02) over CLGRPD00
	CCRVC00	New Generic Data Capture file (CLGRPM00).
		New logical file over CLGRPM00

	CLDFLT00 CLDFLT01	New Usage Processing file (CLHSID00).
		New logical file over CLHSID00.
	CLFGRP00 CLFGRP01 CLFGRP02 CLFGRP03 CLFGRP04 CLFGRP05	Added Generic Usage Data (EMRGUD) to file CLOUCL00.
		New logical files (CLOUCL06, CLOUCL07, CLOUCL08) over CLOUCL00.
	CLFLDD00 CLFLDD01 CLFLDD02 CLFLDD03 CLFLDD04	Added Field Present in Group (PPFPGP), Derivation Source 4 (PPDRS4) and Reference Field Present (PPRFPG) fields to file CLPPRL00.
		New logical file (CLPPRL05) over CLPPRL00.
	CLFLDM00 CLFLDM01 CLFLDM02	Added Application Code field (RFAPCD) to file CLRFMT00.
		New logical file (CLRFMT05) over CLRFMT00.
	CLFLDS00 CLFLDS01 CLFLDS02	Added Application Code field (RTAPCD) to file CLRSTR00.
		New logical file (CLRSTR03) over CLRSTR00.
	CLFVAL00 CLFVAL01 CLFVAL02 CLFVAL03	Added Population Sequence field (SMPOSQ) to file CLSMDF00.
		Added Population Sequence key (SMPOSQ) to file CLSMDF01.
	CLGFMT00 CLGFMT01 CLGFMT02	Added Return to Clearinghouse field (FLCROH) to file CLTBFO00.
	CLGRPD00 CLGRPD01 CLGRPD02	New Usage Processing file CLTBHN00.
		New logical file (CLTBHN01) over CLTBHN00.
	CLGRPM00 CLGRPM01	Added Application Code field (VRAPCD) to file CLTBRV00.
		New logical file (CLTBVR03) over CLTBVR00.
	CLHSID00 CLHSID01	Added Target Field Population Sequence (IPPOSQ) and Source Filed Present In Group fields to file CLTINP00.
	CLOUCL00 CLOUCL01	Added Application Code field (VFAPCD) to file CLVFMT00.
	CLOUCL02 CLOUCL03 CLOUCL04 CLOUCL05 CLOUCL06 CLOUCL07 CLOUCL08	New logical file (CLVFMT03) over CLVFMT00.
		New logical file (CLXRFT07) over CLXRFT00.
		Modified Filler (COFIL) and added Generic Usage Data fields in file CO000000.
	CLPPRL00 CLPPRL01 CLPPRL02 CLPPRL03 CLPPRL04 CLPPRL05	Added Generic Usage Data (EMRGUD) to file EMRFMT00.
		NOTE – File EMRCRTPF FILE(@PTF/EMRFMT00) SRCFILE(ICMSDDS)

		AUT(*ALL)
	CLRFMT00 CLRFMT01 CLRFMT02 CLRFMT03 CLRFMT04 CLRFMT05	
	CLRSTR00 CLRSTR01 CLRSTR02 CLRSTR03	
	CLSMDF00 CLSMDF01	
	CLTBFO00 CLTBFO01 CBTLFO02	
	CLTBHN00 CLTBNH01	
	CLTBVR00 CLTBVR01 CLTBVR02 CLTBVR03	
	CLTINPOO CLTINP01 CLINTP02	
	CLVFMT00 CLVFMT01 CLVFMT02 CLVFMT03	
	CLXRFT00 CLXRFT01 CLXRFT02 CLXRFT03 CLXRFT04 CLXRFT05 CLXRFT07	
	CO000000	
	EMRFMT00	
	RTDAUR00 RTDAUR01 RTDAUR02 RTDAUR03	

Process Control File Content Changes

There are no Process Control File changes included in the August 02 PTF 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 II51020851 for more details.

Distn #	Objects	Comments
403128	FX004616 FX004616CL FX004616DF FX004616P1 FX004606P2	This datafix updates file PGFILE00 with new file records (those that have been added to the Service Order Purge list).
402966	FX402966 FX402966CL FX402966DF FX402966P1	This datafix will add new records to the BLRXREF, PGMASDT00 and PGFILE00. NOTE – A backup of these files **MUST** be made prior to running this datafix.
004669	FX004669 FX004669CL FX004669DF FX04669P1 FX04669A FX04669ACL FX004669ADF FX004669AP1	This conversion populates BLSERT00. This conversion adds entries for program BL4071 into Billing control files CYCJOB and CYCDEP.
004607	FX460701 FX460701CL FX460701DF FX460701P1	This program call calls additional CV* and SYSNM objects to compile, record, rename and create new versions of BLTL* files listed in BLTOLC. **NOTE** – No source for these additional conversion objects is included in the XI51020851 savefile. Only the program objects are required.
	FX460702CL	After following the steps as per the Post Install Instructions, this program is called to delete the CV programs used for the above conversion.
	FX460710 FX460710CL FX460710DF FX460710P	This conversion deletes records from the Generic Scroll Content files (SYGWHD00, SYGWIN00 and SYGWDT00)
	FX460720 FX460720CL FX460720DF FX460720P	This conversion adds records to the Generic Scroll Content files (SYGWHD00, SYGWIN00 and SYGWDT00)

FX460730 FX460730CL FX460730DF FX460730P	This conversion populates the Application Control field to 'ROAM' to a number of files.	
FX460731 FX460731CL FX460731DF FX460731P	This conversion adds a record to file SYGNFD00	
FX460732 FX460732CL FX460732DF FX460732P	This conversion updates Population Sequences in files CLDFLT00, CLTINP00 and CLFMDF00.	
FX460733 FX460733CL FX460733DF FX460733P	This conversion adds a record file AAPGMD00.	
F4X60740 FX460740CL FX460740DF FX460740P1 F4X60741 FX460741CL FX460741DF FX460741P1	These conversions will update soft coded CIBER parameters.	
FX460750 FX460750CL FX460750DF FX460750P1	This conversion deletes one record and updates another in file CLFGRP00.	

Client Software

There is no new version of the AVI software included as a component of the August 02 PTF Pak.

Other Detail

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

FI51020851 – Message File Changes

*MSGF	ICMSMSGF			

GI51020851 – Changed GUI Objects

This savefile contains the changed GUI Objects for the following display files

*DSPF	AA0150DF	CE6005DF	CL1616DF	CL1686DF
	AA0515DF	CL0345DF	CL1617DF	CL1687DF
	AA0530DF	CL0910DF	CL1618DF	CL1688DF
	AA0540DF	CL0911DF	CL1619DF	CL1689DF
	BL0031DF	CL0980DF	CL1620DF	CL1691DF
	BL0795FM	CL0986DF	CL1621DF	CL1692DF
	BL3065FM	CL0993DF	CL1650DF	CL1758DF
	BL5110DF	CL0994DF	CL1651DF	CL1782ADF
	BR0034DF	CL1161DF	CL1653DF	CL1800DF
	BR0037DF	CL1468DF	CL1654DF	CL1821DF
	BR0038DF	CL1469DF	CL1658DF	CL1822DF
	BR0039DF	CL1470DF	CL1662DF	CL1823DF
	BR0041DF	CL1471DF	CL1663DF	CM1501DF
	BR0045DF	CL1610DF	CL1680DF	CP0684DF
	CC0357ADF	CL1611DF	CL1681DF	CP0977DF
	CC0357DF	CL1612DF	CL1682DF	CP3060DF
	CC0358DF	CL1613DF	CL1683DF	DBL100FM
	CC0359DF	CL1614DF	CL1684DF	PG0012DF
	CE0200DF	CL1615DF	CL1685DF	SY0115DF

The savefile itself contains the contents of the IFS Directory
/ES/GUI/ICMSPTF/G020851 as listed below

*STMF	(101).AWW	(159).AWW	(49).AWW	(88).AWW
	(103).AWW	(160).AWW	(5).AWW	(89).AWW
	(105).AWW	(161).AWW	(50).AWW	(90).AWW
	(108).AWW	(163).AWW	(51).AWW	(92).AWW
	(11).AWW	(166).AWW	(52).AWW	(94).AWW

	(110).AWW	(17).AWW	(54).AWW	(96).AWW
	(112).AWW	(18).AWW	(55).AWW	(99).AWW
	(114).AWW	(19).AWW	(57).AWW	G020851.AWI
	(115).AWW	(2).AWW	(58).AWW	G020851.AWP
	(116).AWW	(20).AWW	(59).AWW	G020851.AWR
	(117).AWW	(21).AWW	(6).AWW	G402966.IMP
	(119).AWW	(23).AWW	(61).AWW	G403120.IMP
	(120).AWW	(25).AWW	(62).AWW	G403128.IMP
	(121).AWW	(26).AWW	(64).AWW	G403337.IMP
	(122).AWW	(27).AWW	(65).AWW	G403371.IMP
	(124).AWW	(28).AWW	(66).AWW	G403380.IMP
	(125).AWW	(29).AWW	(68).AWW	G403422.IMP
	(126).AWW	(30).AWW	(69).AWW	ICMS.AWM
	(128).AWW	(32).AWW	(71).AWW	ICMS.AWX
	(129).AWW	(33).AWW	(72).AWW	MERGE.AWI
	(13).AWW	(35).AWW	(74).AWW	MERGE.AWP
	(131).AWW	(37).AWW	(75).AWW	MERGE.SEL
	(132).AWW	(38).AWW	(76).AWW	MERGE.SID
	(134).AWW	(40).AWW	(77).AWW	MERGE.SYN
	(135).AWW	(41).AWW	(79).AWW	POPUP.AWW
	(137).AWW	(42).AWW	(8).AWW	PRODINFO.AWW
	(141).AWW	(43).AWW	(81).AWW	G020851.ALB
	(15).AWW	(44).AWW	(83).AWW	G020851.AWA
	(155).AWW	(45).AWW	(85).AWW	G020851.AWE
	(156).AWW	(46).AWW	(86).AWW	G020851.SID
	(157).AWW	(47).AWW		

RI51020851 - 5.1 Field Reference Files

*FILE	ICMSFREF	ICMSFREFA	ICMSFREFB	ICMSFREFC	ICMSFREFD
	ICMSFREFF				

SI51020851 - Changed Source Code

Type	Object	Object	Object	Object
*BNDDIR	AA0530	CL1620ACL	CL2435	LN5020
	AA0530CLE	CL1620CLE	CL6010	MS0581
	AA0530CLU	CL1620CLU	CP0590	MS1013
	AA0540	CL1620GCLE	CP3060CL	PG0012
	AA2431	CL1620GCLU	CP3061BJ	PG1000
	AA2431CL	CL1621CLE	DBL113	PG1001
	AN0019	CL1621CLU	DL0019	PG1020
	BL0795	CL1621GCLE	DL0101	PG2010
	BL4070C	CL1621GCLU	DL0200	PG2011
	BL4074	CL1622CLE	DL0214	PL2425
	BR0000	CL1622CLU	DM1090CL	PL2431A
	CC0349A	CL1622GCLE	FM2005	PL2434
	CC0357	CL1622GCLU	FM2005BJ	PL2435
	CC0580	CL1623CLE	FM2005CL	PR5052
	CC0581	CL1623CLU	FM3500	PR5100
	CE0286	CL1623GCLE	HC0280	PS3031CL
	CE0345	CL1623GCLU	HE2010	S_ORDGEN
	CL0101	CL1630CL	HE2011	S_PROVSRV
	CL0970	CL1630CL1	HE2020	S_UTLAPI
	CL1000	CL1630CL2	HE2030	SP0170
	CL1160GCLE	CL1632	HE2040	SP0170CL
	CL1160GCLU	CL1680	HE5010	SP3030
	CL1468	CL1680ACL	HE5030	SR0002
	CL1470	CL1680CLE	HE5031	SR0009
	CL1471	CL1680CLU	HE5032	SR0015CL
	CL1610ACL	CL1685	HE5033	SR0019CL
	CL1610CLE	CL1686	HE5034	SR0057
	CL1610CLU	CL1686ACL	HE5035	SR0072
	CL1610GCLE	CL1686CLE	HE5040	SR0082
	CL1610GCLU	CL1686CLU	HH1700	SR0097
	CL1612ACL	CL1687	HI1100	SR0101

	CL1612CLE	CL1687CL	HS0019	SV0001
	CL1612CLU	CL1688	HS0101	SV0141CL
	CL1612GCLE	CL1689	HS5024	SV0506CL
	CL1612GCLU	CL1692	HS6000A	SV0589
	CL1614ACL	CL1693	I_CHGACC	SV1000
	CL1614CLE	CL1760ACL	I_CHGACD	SV2502BJ
	CL1614CLU	CL1765	I_CHGSTAGE	SV3011CL
	CL1614GCLE	CL1766	I_CRTACD	SV3030C1
	CL1614GCLU	CL1784G	I_LSTPRMGI	SY1000
	CL1616ACL	CL1789	LE0700	TRCMACCD
	CL1616GCLE	CL1882	LE1100	TRCMACCT
	CL1616GCLU	CL1962	LE1100CL	XX0010
	CL1618CLE	CL1963	LN0019	XX8020CL
	CL1618CLU	CL1982	LN0101	XX9009CL
*FILE	ICMSCL	ICMSCMD	ICMSRPG	ICMSSRN
	ICMSCLE	ICMSCPYLE	ICMSRPGLE	ICMSSSRV
	ICMSCLLE	ICMSPRT		

WI51020851 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*SVRPGM	**RPGLE**	CL1886S	CL1986	S_ORDGEN	S_USGINF
		CL1982	S_CSAINF	S_PROVSRV	S_UTLAPI
*QRYDFN	**QRY**	CL1610QRY	CL1614QRY	CL1620QRY	CL1622QRY
		CL1612QRY	CL1616QRY	CL1621QRY	CL1623QRY
*PGM	**CLE**	CL1801	CL1807	CL1834	CL1839
		CL1802	CL1808	CL1835	CL1840
		CL1803	CL1809	CL1836	CL1841
		CL1804	CL1831	CL1837	CL1842
		CL1805	CL1832	CL1838	SY1105
		CL1806	CL1833		

*PGM	CLLE	AA0530CLE	CL1616GCLU	CL1631BJ	CL1787BBJ
		AA0530CLU	CL1618CLE	CL1644CLE	CL1788BBJ
		AA2431CL	CL1618CLU	CL1644CLU	CL1800CL
		BL0038BJ	CL1620ACL	CL1652CLE	CL1801CL
		BL2750BJ	CL1620CLE	CL1652CLU	CL1802CL
		BL4100BJ	CL1620CLU	CL1655CLE	CL1821CL
		CL1160GCLE	CL1620GCLE	CL1655CLU	CP2125CL
		CL1160GCLU	CL1620GCLU	CL1680CLE	CP2846CL
		CL1610ACL	CL1621ACL	CL1680CLU	CP2852CL
		CL1610CLE	CL1621CLE	CL1686ACL	CP3060CL
		CL1610CLU	CL1621CLU	CL1686CLE	CP3061BJ
		CL1610GCLE	CL1621GCLE	CL1686CLU	CP4310BJ
		CL1610GCLU	CL1621GCLU	CL1687CL	CP6253BJ
		CL1612ACL	CL1622ACL	CL1750ACL	FM2005BJ
		CL1612CLE	CL1622CLE	CL1750BCL	FM2005CL
		CL1612CLU	CL1622CLU	CL1758CL	LE1100CL
		CL1612GCLE	CL1622GCLE	CL1760ACL	PS3031CL
		CL1612GCLU	CL1622GCLU	CL1781HBJ	SP0170CL
		CL1614ACL	CL1623ACL	CL1781ZCL	SR0015CL
		CL1614CLE	CL1623CLE	CL1782ZCL	SR0019CL
		CL1614CLU	CL1623CLU	CL1783ABJ	SV0141CL
		CL1614GCLE	CL1623GCLE	CL1783BBJ	SV0506CL
		CL1614GCLU	CL1623GCLU	CL1785ABJ	SV2502BJ
		CL1616ACL	CL1630BJ	CL1785ACL	SV3011CL
		CL1616CLE	CL1630CL	CL1786ACL	SV3030C1
		CL1616CLU	CL1630CL1	CL1786CBJ	XX8020CL
		CL1616GCLE	CL1630CL2	CL1786DBJ	XX9009CL
*PGM	CLP	BL0107CL	BR0034CL	BR0040CL	CP0341CL
		BL2012CL	BR0036BJ	BR0041BJ	CP4010BJ
		BL2012CLB	BR0036CL	BR0041CL	DB1276CL
		BL2043BJ	BR0037BJ	BR0042BJ	DM1090CL

		BL2901BJ	BR0037CL	BR0043BJ	DPISBMJOB
		BL2901CL	BR0038BJ	BR0045BJ	MS0550CL
		BL4096BBJ	BR0038CL	BR0045CL	MS0550CLE
		BL4600BJ	BR0039BJ	CL1160CLE	MS0550CLU
		BL6025CL	BR0039CL	CL1160CLU	PL1861BJ
		BL8010BJ	BR0040BJ	CL1161CL	SV0140CL
		BR0034BJ			
*PGM	RPG	AA0150	BL8012A	CL1160	DD0041
		AA0151	BL8015	CL1161	DD0071
		AA0500	BR0034	CL1162	DD0500
		AA0510	BR0600	CL1163	DL5100
		AA0520	CC0240	CL1181	DM1080
		AA2010	CC0241	CL1500	DM2010
		AA2060	CC0340	CL1505	EM0111
		AA2108	CC0341	CL1510	EM2020
		AA2400	CC0342	CL1512	FM2000
		AA2410	CC0343	CL1513	FM3310
		AA2420	CC0344	CL1514	FM3518
		AA3110	CC0345	CL1515	FM3620
		AA3120	CC0348	CL1516	FM5120
		AA3121	CC0349	CL1520	FM5141
		AN0280	CC0351	CL1521	GF2003
		AP0041	CC0353	CL1530	HC1031
		BL0034	CC0355	CL1560	HS5002
		BL0612	CC0358	CL1570	HS5003
		BL1800	CC0359	CL1575	HS5021
		BL2007	CC0368	CL1585	LN0280
		BL2007A	CC0378	CL1710	MS0550
		BL2012	CC1110	CL1718	MS0551
		BL2012A	CC1111	CL1724	MS0552
		BL2043	CC2050	CL1726	MS0553
		BL2044	CD0611	CL1727	MS0554

		BL2045	CE0020	CL1728	MS0556
		BL2047	CE0030	CL1732	MS1011
		BL2220A	CE0045	CL1733	MS2505
		BL2228	CE0046	CL1734	MS2506
		BL2401R	CE0200	CL1742	MS2506A
		BL2509A	CE0270	CL1744	PG0011
		BL3065	CE1145	CL1791	PG0040
		BL3313	CE6005	CL1813	PL0113
		BL4014	CE9000	CL1983	PL5090
		BL4036A	CL0345	CL2507	RA0222R
		BL4070	CL0500	CL2508	SF0010
		BL4076	CL0502	CL6320	SR0094
		BL4082A	CL0841	CM1501	SR0124
		BL4082B	CL0910	CP0158	SV0572
		BL4094	CL0911	CP0202	SV0576
		BL4120	CL0940	CP0255	SV2502
		BL4600A	CL0955	CP0301	SV2507
		BL4606A	CL0980	CP0340	SV2508
		BL4610B	CL0985	CP0341	SV3010
		BL4612A	CL0986	CP0401	SV4160
		BL4615	CL0987	CP3010	SY0080
		BL4913	CL0988	CP4010	SY0110
		BL5019	CL0989	CP4630	SY0115
		BL8010	CL0990	CP6252	SY2104
		BL8011S	CL0995	CT8100R	TDAS42R
		BL8012	CL0996		
*PGM	RPGLE	AA0530	CL1688	DL0019	LE0700
		AA0540	CL1689	DL0101	LE1100
		AA2431	CL1692	DL0200	LN0004
		AN0019	CL1693	DL0214	LN0019
		BL0031	CL1750H	FM2005	LN0101
		BL0037	CL1758	FM3500	LN5020

		BL0751	CL1758A	FM3600	MS0503
		BL0760	CL1765	FM3630	MS0581
		BL0761	CL1766	FM5150	MS1013
		BL0795	CL1769	HC0280	PG0012
		BL1760	CL1779	HE2010	PG1000
		BL2013B	CL1781J	HE2011	PG1001
		BL2750	CL1782J	HE2020	PG1020
		BL4047	CL1784F	HE2030	PG2010
		BL4047A	CL1784G	HE2040	PG2011
		BL4070C	CL1786E	HE2080	PG2120
		BL4074	CL1789	HE5010	PG2121
		BL4100	CL1814	HE5030	PG2125
		BL4107C	CL1881	HE5031	PG2126
		BL5028	CL1882	HE5032	PG2127
		BL5050	CL1883	HE5033	PG2128
		BR0000	CL1962	HE5034	PL2425
		CC0349A	CL1963	HE5035	PL2431A
		CC0357	CL1985	HE5040	PL2434
		CC0400	CL2100	HH1700	PL2435
		CC0401	CL2435	HI1100	PR5052
		CC0580	CL6010	HS0019	PR5100
		CC0581	CM1502	HS0101	SP0170
		CE0286	CP0156	HS5024	SP3030
		CE0345	CP0163	HS5096	SR0002
		CL0101	CP0164	HS6000	SR0009
		CL0970	CP0191	HS6000A	SR0057
		CL0993	CP0341A	I_CHGACC	SR0061
		CL0994	CP0590	I_CHGACD	SR0072
		CL1000	CP0684	I_CHGSTAGE	SR0082
		CL1465	CP0686	I_CRTACD	SR0094A
		CL1468	CP0977	I_CRTOSSR	SR0097
		CL1470	CP2103	I_CRTSOGR	SR0101
		CL1471	CP2104	I_GETACC	SR0130

		CL1625	CP2105	I_GETACD	SR0205
		CL1632	CP2109	I_GETASEPK	SR0207
		CL1643	CP2111	I_GETAVSE	SV0001
		CL1646	CP2125B	I_GETISE	SV0004
		CL1648	CP2411	I_GETSEPD	SV0120
		CL1650	CP2420	I_GETSRV	SV0589
		CL1658	CP2705	I_LSTPRMGI	SV1000
		CL1659	CP2724	I_VLDASEPK	SV1942
		CL1660	CP2805	I_VLDAVSE	SV2526
		CL1662	CP2852	I_WWOSEI	SY1000
		CL1680	CP6400	I_WWOSEPKI	SY2500
		CL1680ACL	CR2000	IM2020	TRCMACCD
		CL1685	CR2010	IM5000	TRCMACCT
		CL1686	CR3000	IM6070	XX0010
		CL1687	DBL113		
*MODULE	CLE	CL1801	CL1807	CL1834	CL1839
		CL1802	CL1808	CL1835	CL1840
		CL1803	CL1809	CL1836	CL1841
		CL1804	CL1831	CL1837	CL1842
		CL1805	CL1832	CL1838	SY1105
		CL1806	CL1833		
*MODULE	CLLE	AA0530CLE	CL1616ACL	CL1622GCLU	CL1760ACL
		AA0530CLU	CL1616CLE	CL1623ACL	CP2846CL
		AA2431CL	CL1616CLU	CL1623CLE	CP2852CL
		BL2750BJ	CL1616GCLE	CL1623CLU	CP3060CL
		CL1160GCLE	CL1616GCLU	CL1623GCLE	CP3061BJ
		CL1160GCLU	CL1618CLE	CL1623GCLU	DM1090CL
		CL1610ACL	CL1618CLU	CL1630BJ	FM2005BJ
		CL1610CLE	CL1620ACL	CL1630CL	FM2005CL
		CL1610CLU	CL1620CLE	CL1630CL1	LE1100CL
		CL1610GCLE	CL1620CLU	CL1630CL2	PS3031CL

		CL1610GCLU	CL1620GCLE	CL1652CLE	SP0170CL
		CL1612ACL	CL1620GCLU	CL1652CLU	SR0015CL
		CL1612CLE	CL1621ACL	CL1680ACL	SR0019CL
		CL1612CLU	CL1621CLE	CL1680CLE	SV0141CL
		CL1612GCLE	CL1621CLU	CL1680CLU	SV0506CL
		CL1612GCLU	CL1621GCLE	CL1686ACL	SV2502BJ
		CL1614ACL	CL1621GCLU	CL1686CLE	SV3011CL
		CL1614CLE	CL1622ACL	CL1686CLU	SV3030C1
		CL1614CLU	CL1622CLE	CL1687CL	XX8020CL
		CL1614GCLE	CL1622CLU	CL1750BCL	XX9009CL
		CL1614GCLU	CL1622GCLE	CL1758CL	
*MODULE	**RPGLE**	AA0530	CL1750H	CL190129	HE2010
		AA0540	CL1752	CL190131	HE2011
		AA2431	CL1753	CL190132	HE2020
		AN0019	CL1758	CL190133	HE2030
		BL0031	CL1758A	CL190134	HE2040
		BL0031A	CL1760	CL190135	HE2080
		BL0031B	CL1760B	CL190136	HE5010
		BL0031E	CL1760C	CL191003	HE5030
		BL0031F	CL1760D	CL191004	HE5031
		BL0031G	CL1761B	CL191005	HE5032
		BL0031H	CL1761C	CL191006	HE5033
		BL0035	CL1762	CL191007	HE5034
		BL0037	CL1762A	CL191010	HE5035
		BL0038	CL1763	CL191012	HE5040
		BL0751	CL1764	CL191014	HH1700
		BL0760	CL1765	CL191015	HI1100
		BL0761	CL1765A	CL191018	HS0019
		BL0795	CL1766	CL191021	HS0101
		BL1760	CL1766B	CL191023	HS5024
		BL2013B	CL1767	CL191026	HS5096
		BL2750	CL1768A	CL191027	HS6000

		BL4047	CL1769	CL191029	HS6000A
		BL4047A	CL1773	CL191033	I_CHGACC
		BL4070C	CL1774	CL191103	I_CHGACD
		BL4074	CL1775	CL191104	I_CHGSTAGE
		BL4100	CL1778	CL191107	I_CRTACD
		BL4107C	CL1779	CL191108	I_CRTOSSR
		BL5028	CL1781A	CL191109	I_CRTSOGR
		BL5053	CL1781C	CL191110	I_GETACC
		BR0000	CL1781D	CL191111	I_GETACD
		CC0349A	CL1781E	CL191112	I_GETISE
		CC0349B	CL1781F	CL191113	I_GETSRV
		CC0357	CL1781G	CL191114	I_LSTPRCMR
		CC0357A	CL1781J	CL191115	I_LSTPRMGI
		CC0400	CL1782A	CL191116	I_VLDASEPK
		CC0401	CL1782B	CL191117	I_VLDAVSE
		CC0580	CL1782C	CL191118	I_WWOSEI
		CC0581	CL1782D	CL191119	I_WWOSEPKI
		CE0286	CL1782E	CL191120	IM2020
		CE0345	CL1782F	CL191121	LE0700
		CL0101	CL1782J	CL191122	LE1100
		CL0970	CL1784A	CL1921	LN0004
		CL0993	CL1784B	CL1921A	LN0019
		CL0994	CL1784C	CL1922	LN0101
		CL1000	CL1784D	CL1923	LN5020
		CL1465	CL1784E	CL1927	MS0503
		CL1466	CL1784F	CL1929	MS0581
		CL1468	CL1784G	CL1930	MS1013
		CL1469	CL1785A	CL1931	P_BLDNP
		CL1470	CL1785B	CL1935	P_BLDNPN
		CL1471	CL1785C	CL1962	P_BLDOWN
		CL1610	CL1786A	CL1963	P_BLNSFM
		CL1611	CL1786B	CL1966	P_BLREM
		CL1612	CL1786C	CL1968	P_BLREMM

		CL1613	CL1786D	CL1969	P_CATV
		CL1614	CL1786E	CL1975	P_CHGSTAGE
		CL1615	CL1787B	CL1976	P_CMACCT
		CL1616	CL1788B	CL1977	P_CRDWNS
		CL1617	CL1788C	CL1985	P_CRTOSSR
		CL1618	CL1789	CL2100	P_CRTSOGR
		CL1619	CL1800	CL2435	P_GETACC
		CL1620	CL1811	CL6010	P_GETACD
		CL1621	CL1812	CL6011	P_GETISE
		CL1622	CL1814	CL6012	P_GETISEPK
		CL1623	CL1821	CM1502	P_GETPPV
		CL1625	CL1822	CP0157	P_GETSRV
		CL1630	CL1823	CP0159B	P_GETUSG
		CL1630A	CL1823A	CP0163	P_UTILITY
		CL1631	CL1823B	CP0164	P_VLDACC
		CL1631A	CL1824	CP0191	P_VLDACD
		CL1632	CL1825	CP0341A	P_VLDASEPK
		CL1632A	CL1881	CP0590	P_VLDAVSE
		CL1643	CL1882	CP0684	P_WWOSEI
		CL1645	CL1882A	CP0686	P_WWOSEPKI
		CL1646	CL1883	CP0977	PG0012
		CL1647	CL1884	CP2103	PG1000
		CL1648	CL1885	CP2104	PG1001
		CL1649	CL1886	CP2105	PG1020
		CL1650	CL190002	CP2109	PG2010
		CL1651	CL190004	CP2111	PG2011
		CL1653	CL190005	CP2125	PG2120
		CL1654	CL190006	CP2125B	PG2121
		CL1657	CL190007	CP2411	PG2125
		CL1658	CL190008	CP2420	PG2126
		CL1659	CL190009	CP2713	PG2127
		CL1660	CL190010	CP2724	PG2128
		CL1662	CL190011	CP2852	PL2425

		CL1663	CL190012	CP3061	PL2431A
		CL1664	CL190024	CP4310	PL2434
		CL1666	CL190025	CP6253	PL2435
		CL1668	CL190026	CP6255	PR5052
		CL1673	CL190027	CP6400	PR5100
		CL1674	CL190028	CP640001	SP0170
		CL1675	CL190029	CP640002	SP3030
		CL1677	CL190032	CP640003	SR0002
		CL1678	CL190034	CP640004	SR0009
		CL1680	CL190035	CP640005	SR0057
		CL1681	CL190036	CP640007	SR0061
		CL1682	CL190042	CP640008	SR0072
		CL1683	CL190043	CP640009	SR0082
		CL1684	CL190046	CR2000	SR0094A
		CL1685	CL190047	CR2010	SR0097
		CL1686	CL190051	CR2011	SR0101
		CL1687	CL190052	CR2020	SR0130
		CL1688	CL190053	CR2030	SR0205
		CL1689	CL190060	CR3000	SR0207
		CL1690	CL190061	DBL113	SV0001
		CL1691	CL190062	DL0019	SV0004
		CL1692	CL190064	DL0101	SV0120
		CL1693	CL190065	DL0200	SV0589
		CL1694	CL190066	DL0214	SV1000
		CL1750	CL190067	FM2005	SV2526
		CL1750C	CL190107	FM3500	SY1000
		CL1750D	CL190114	FM3599	SY2500
		CL1750E	CL190120	FM3600	TRCMACCD
		CL1750F	CL190123	FM5150	TRCMACCT
		CL1750G	CL190125	HC0280	XX0010
*FILE	DSPF	AA0150DF	CE0200DF	CL1616DF	CL1688DF
		AA0151DF	CE1145DF	CL1617DF	CL1689DF

		AA0510DF	CE6005DF	CL1618DF	CL1691DF
		AA0530DF	CL0345DF	CL1619DF	CL1692DF
		AA0540DF	CL0910DF	CL1620DF	CL1758DF
		BL0031DF	CL0911DF	CL1621DF	CL1782ADF
		BL0612DF	CL0980DF	CL1650DF	CL1800DF
		BL0795FM	CL0986DF	CL1651DF	CL1821DF
		BL3065FM	CL0993DF	CL1653DF	CL1822DF
		BR0034DF	CL0994DF	CL1654DF	CL1823DF
		BR0037DF	CL1161DF	CL1658DF	CM1501DF
		BR0038DF	CL1468DF	CL1662DF	CP0684DF
		BR0039DF	CL1469DF	CL1663DF	CP0686DF
		BR0041DF	CL1470DF	CL1680DF	CP0977DF
		BR0045DF	CL1471DF	CL1681DF	CP3060DF
		CC0357ADF	CL1610DF	CL1682DF	DBL100FM
		CC0357DF	CL1611DF	CL1683DF	PG0011DF
		CC0358DF	CL1612DF	CL1684DF	PG0012DF
		CC0359DF	CL1613DF	CL1685DF	SV0572DF
		CE0020DF	CL1614DF	CL1686DF	SY0110DF
		CE0045DF	CL1615DF	CL1687DF	SY0115DF
		CE0046DF			
*FILE	**PF**	@DIRDS	E_CHACD01	E_GISED02	E_WOSEI02
		@ESR0130	E_COSSR02	E_LPHND01	E_WOSEP02
		E_ACCOB02	E_CRACD01	E_SRVOB02	ICMSDDS
		E_ACDOB02	E_CSOGR02	E_VASEI02	
		E_CHACC01	E_CSTAG01	E_VSEPI02	
*FILE	**PRTF**	BL4047AP1	CP4010P1	FM2005P2	PG1001P1
		BR0600P1	CP4630P1	PG0040P1	SV4160P1
		CL1162P1	FM2005P1		
*CMD		RTVUSRLIBL			

XI51020851 - Source for File Conversion Objects

Type	Object	Object	Object	Object
*BNDDIR	CV8840	FX004669	FX460710	FX460732
	CV889011Y	FX004669CL	FX460710CL	FX460732CL
	CV889013X	FX04669A	FX460720	FX460733
	CV889015X	FX04669ACL	FX460720CL	FX460733CL
	CV889017X	FX402966	FX460730	FX460740CL
	FX004616	FX402966CL	FX460730CL	FX460741CL
	FX004616CL	FX460701	FX460731CL	FX460750CL
*FILE	ICMSCL	ICMSPRT	ICMSRPGLE	ICMSSRN
	ICMSCLLE			

ZI51020851 - File Conversion Objects

Type	Attribute	Object	Object	Object	Object
*PGM	CLP	CV7001BJ	CV7020CL	CV7302ACL	CV889011BX
		CV7001CL	CV7021CL	CV7302CL	CV889013BX
		CV7010CL	CV7100CL	CV7303CL	CV889015BX
		CV7012CL	CV7110CL	CV7304CL	CV889017BX
		CV7013CL	CV7210CLE	CV7305CL	FX460701CL
		CV7014CL	CV7210CLU	CV8811BX	FX460702CL
		CV7015CL	CV7300CL	CV8840BX	SYSNM
*PGM	CLLE	FX004616CL	FX460710CL	FX460731CL	FX460740CL
		FX004669CL	FX460720CL	FX460732CL	FX460741CL
		FX04669ACL	FX460730CL	FX460733CL	FX460750CL
		FX402966CL			
*PGM	RPG	CV7100	CV7210	CV7211	CV8810X
		CV7110			
*PGM	RPGLE	CV8840	CV889017X	FX402966	FX460730
		CV889011Y	FX004616	FX460701	FX460732

		CV889013X	FX004669	FX460710	FX460733
		CV889015X	FX04669A	FX460720	
*MODULE	CLLE	FX004616CL	FX460710CL	FX460731CL	FX460740CL
		FX004669CL	FX460720CL	FX460732CL	FX460741CL
		FX04669ACL	FX460730CL	FX460733CL	FX460750CL
		FX402966CL			
*MODULE	RPGLE	CV8840	FX004616	FX460710	FX460733
		CV889011Y	FX004669	FX460720	FX460740
		CV889013X	FX04669A	FX460730	FX460741
		CV889015X	FX402966	FX460731	FX460750
		CV889017X	FX460701	FX460732	
*FILE	DSPF	CV7001DF	FX04669ADF	FX460720DF	FX460733DF
		CV7210DF	FX402966DF	FX460730DF	FX460740DF
		CV7211DF	FX460701DF	FX460731DF	FX460741DF
		FX004616DF	FX460710DF	FX460732DF	FX460750DF
		FX004669DF			
*FILE	LF	CVICTL01	CVICTL02	CVICTL03	CVICTL04
*FILE	PF	CVIMSG00	CVXXXXW2	CVXXXXW4	CVXXXXW5
		CVXXXXW1	CVXXXXW3		
*FILE	PRTF	FX004616P1	FX402966P1	FX460730P	FX460740P1
		FX004616P2	FX460701P1	FX460731P	FX460741P1
		FX004669P1	FX460710P	FX460732P	FX460750P1
		FX04669AP1	FX460720P	FX460733P	
*DTAARA		CVRLSID	CVFLAGS		