

## **4.01 March 2001 PTF Pak - 010301**

**12 March 2001**

### **To All ICMS Technical Support Personnel:**

This document contains a summary of the PTFs that are being shipped for ICMS Release 4.01 in the Mar-01 PTF Pak, 010301. 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 4.01 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 Monthly PTF Pak is built from all PTFs sent to Geography L2s in the previous month, 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.

## 4.01 Mar-01 PTF Pak Contents

The Pak is made up of the following individual PTFs developed between 30 September 2000 to 5 March 2001. The term 'Sysroute' in the Description indicates an error initially found in another release of ICMS.

Distn #	Objects	APAR # - Description
401712	SV0030	SC33449 - The Service Type on the Additional Line Information screen is blank and invalid
401697	FM5120	SC33426 - Option 7 on the Customer Fault Activity Scroll causes the Faults FastPath Entry screen to be locked
401679	LN0004 SV0120 SV0120FM SV0220	SC33417 - Service Order Planning Schedule issues
401651	SV0120	SC33403 - Service Order's latest scheduling record not shown
401646	LN5022	SC33390 - S&E Validation not applied to Both item.
401644	FM5120	SC33389 - The dates displayed on the Customer Fault Activity screen (FM5120) are wrong.
401635	PL0113	SC33415 - Service Order Linecard maintenance creates duplicate pairs when cable pair is spared and then reattached.
401631	DD0500	SC33379 - Credit Adjustments are not being allocated to oldest debt.
401627	SV0120	SC33380 - Work unit not deducted from planning schedule
401611	ICMSMSGF	SC33360 - Planning Schedule Maintenance Message has truncated test
401610	SV2507	SC33381 - S&E 'Both items not having information set up correctly (frequency, quantity, etc) during S/O post
401606	XX5012	SC33343 - Service order linecard shows incorrect cable pair
401604	PL0555	SC33355 - Cable Pair Maintenance leaves last cable pair database record locked
401600	DD0500	SC33352 - Manually adjusted Direct Debit amount being overridden with higher Direct Debit amount.
401591	CE0030ACL	SC33344 - Account Address Maintenance Commitment Control Problem
401590	BL0105	SC33368 - Sysroute - Users cannot create new SAM Addresses.
401584	FX401584 FX401584CL FX401584DF FX401584P	SC33342 - Sysroute - Datafix for missing/duplicated cable pair records
401543	DM2010 DM2010DF	SC33302: Disputes Maintenance - Charge Code and G/L Account inconsistencies
401542	BL4070	SC33305 - GSM & Internet S&E Items with 0 days to bill, out date = billed up to date, causing Billing Cycle to loop
401528	BL5007 SV0572	SC33290 - S&E Enquiry not calculating the non-recurring total correctly
401514	FM3600 FM5140	SC33286 - Fault Date does not change when processing over



<b>Distn #</b>	<b>Objects</b>	<b>APAR # - Description</b>
		midnight
401512	ICMSMSGF SV0223A SV0223B	SC33261 - Incorrect 'Insufficient work unit' message on Exception Report.
401501	SV0591	SC33248 - Incorrect date processing within Instalments
401499	SV0810A	SC33245 - PPP Update Job fails with array index error.
401481	BL4019 CP4016 CP4016A	SC33221 - Enable MSPPP Volume Discounts to be booked to the G/L under the Package Plan Element GL Account.
401473	PL0113 PL0555 PL0555FM SV2540	SC33224 - Sysroute - Cable pair updated incorrectly for working network cables and plant network updated incorrectly by S/O cable network
401468	PL0560	SC33234 - Sysroute - Faulty Cable pair incorrectly spared during Fault Line Card Post
401466	DD0500 DD3011 DD3011P DD3031 DD3031P1 ICMSMSGF	SC33214 - Direct Debit transactions are getting cancelled when the sum of the Discount and the Tax on the Discount equals the Amount Due.
401463	SV0220	SC33192 - Service Order created with wrong account number
401458	SV3030	SC33188 - PPP Jeopardy Update Server fails with array index error.
401457	CE0200 CE0285 CE0290 CL5015 MS0280 ICMSMSGF	SC33195 - Account Maintenance Current Billing Cycle Field
401452	LN5014 LN5021 SV0579 SV2507 ICMSMSGF	SC33170 - Outdate against S&E Items during a transfer Service Order are being ignored during S/O Post
401438	FM5120	SC33205 - Sysroute - The wrong Provisioning Parameter Driver is being displayed and entered into fault records.
401431	SV0340	SC33161 - Array index error when updating Planning Schedule details
401430	SV0220 SV0220FM	SC33166 - Sysroute - Contract number not conditioned correctly when displayed on Initial Service Order entry.
401426	PL1869B PL1869BJ	SC32484 - 'Existing to existing' Bulk SAM change leaves orphaned records in a number of files.
401420	LN0004	SC33151 - Error in work unit allocation
401396	HS5090	SC33132 - Should not allow Effective Connection Date earlier than Effective Disconnection Date for CATV Move and Transfer Orders
401395	PL0115 PL0115FM	SC33131 - SAM literals not displayed for remote address
401389	ICMSMSGF	SC33128 - Message IDs NLS7B33, NLS7B34, and NLS7B35 only allow for Rate Cell records of upto eight digits.
401380	EM0160 PL0881	SC33122 - Unable to access scrolls from SAM Maintenance more than once
401377	PL2900	SC33127 - Error message is displayed when adding Exchange Facilities via S&E items although the S&E items and the corresponding exchange facility codes are defined in the



<b>Distn #</b>	<b>Objects</b>	<b>APAR # - Description</b>
		switch.
401374	AR5040	SC33272 - Page Don/Page Up problem on Statement Enquiry Call Details screen
401371	WF0004	SC33174 - Sysroute - Cannot remove tasked WFM job.
401368	HS5003	SC33117 - User is able to create a CATV Service Order, after entering an invalid effective completion date on the CATV Initial order entry screen.
401367	PR5015	SC33116 - Completion of a Telephony Move Address/Transfer type Service Order results in display of a misleading warning message
401357	LN0280	SC33113 - Service Transfer failure
401353	DD2010	SC33107 - Incorrect discount calculation during billing when there are negative charges, positive taxes, and the account is in debit
401351	CP2705 CP2713 CP2805	SC33105 - Customer Threshold Limits Process module change
401343	PL1860 PL1869A	SC33092 - SAM Bulk Change not updating E-911 details
401333	BL2509A CE0430 CE0430P4	SC33088 - Cycle transfer activity S&E details report (CE0430P4) has errors
401328	PL0113	SC33073 - Cable network maintenance program issues a message to update after update has been completed already
401324	PL4409 PL4410A	SC33067 - Print Line Card Report Headings incorrect
401322	AR5040 AR5040DF	SC33082 - Incorrect Telephony Call details on Statement Enquiry screen
401315	PL0115	SC33055 - Additional Feature Detail screen of the S/O linecard does not show the features defined for the linecard type that the linecard has been changed to
401308	BL3102 BL3102FM	SC33052 - Deactivated addresses on first page of scroll not appearing in red
401305	BL3065	SC33051 - Usage Investigation Program - Billing Cycle field incorrectly updated
401299	SV0593	SC33048 - Incorrect records written for non-plant related S&E
401298	BL3065 BL3065FM	SC33041 - Environment freezes with Disputed Unbilled Records
401296	PR5010 FX401296 FX401296CL FX401296DF FX401296P	SC33040 - Service Request has Completion Date populated when its status is still Open
401284	PL2222C PL2223 PL2223C PL2223P2	SC33060 - Sysroute - Switch Code Change Project does not update all the files.
401276	SV0223B	SC33026 - Mass S/O Creation job fallen over due to writing duplicated key record to Staging History file (SVSCC)
401268	SV0030 SV0030FM	SC33038 - Service Order Additional Line Information screen missing GUI panel
401267	CE1020 CE1020DF	SC33042 - Selecting a telephone number in Customer Scroll by Phone Number GUI Panel does not work.



<b>Distn #</b>	<b>Objects</b>	<b>APAR # - Description</b>
401265	FM0101	SC33005 - Confusing and redundant second message when adding 'M' or 'N' fault code which creates a gap in the effective date
401257	BL0374	SC32999 - Late charges not correct with overpayments. SC33000 - Late or Interest Charges wrongly calculated SC33187 - Sysroute - Late charges calculated for 365 days in leap year and are not rounded up.
401254	BL0105 EM0160 EM0160DF ICMSMSGF	SC33066 - User is able to change postcode when there are active services for the SAM Address concerned.
401249	SV0010 SV0013 SV0120	SC33025 - S/O stage not written to the Staging History File (SVSCC).
401247	PL1869A	SC32959 -Disconnected services are not changed by SAM Bulk Number Change.
401244	PL0113	SC32957 - Program failure when deleted S/O linecard is reattached to its Disconnect Service Order.
401243	PL0341 PL0341DF	SC32962 - Switch update problem via Base Relationship Maintenance
401237	MS0551	SC32944 - When selecting multiple S/O Directory Records they are displayed in descending sequence number order
401227	PL0113	SC32956 - Deactivation of Class 'A' or 'I' Service order not updating the Cable Pair file
401226	SV0010B	SC32930 - Transformation of a service request transfer (move address) service order failing to create a scheduling record.
401224	FM2510	SC32929 - Common cause fault ticket loses original reported date and time after post
401223	FM5200 FM5200FM	SC32926 - When completing a Fault there was no validation on the Closed Time field.
401219	SV2502	SC32973 - Sysroute - Disconnected Phone Number status not updated to spare.
401208	PL2900	SC32951 - Problems where associated exchange facilities cannot be added or taken out via a Service Order
401205	CP0220	SC33212 - Call Placement Recovery error
401203	DB0512	SC32920 - System will not allow reduction of cable size to actual size
401194	FM5120	SC32987 - Sysroute - The wrong Provisioning Parameter Driver is being displayed and entered into fault records.
401186	SV4401 SV4401CL SV4401FM SV4402 SV4402P1 SV4403 ICMSMSGF	SC32908 - Planning Schedule Maintenance not deleting used points from previous months
401181	HS2507	SC32902 - CATV Service Order post populating Outdate on S&E Items coming in
401179	SV0120 SV0220 FX401179	SC33081 - S/O Scheduling S/O for work without validating Work Units available



Distn #	Objects	APAR # - Description
	FX401179CL FX401179DF FX401179P	
401177	SV3010	SC32904 - Page up of S/O scroll by account number does not work
401174	EC0011R	SC32914 - ECA Payment Schedule not updated correctly.
401173	PL0820 PL0820FM	SC32905 - SAM Bulk Change Maintenance screen GUI problem
401172	SV2507	SC32934 - Statement print account (field SESPAC on file BLUSOC) not being populated correctly from S/O Post
401159	LN0108	SC32892 - Running the Delete Unbilled Usage function in Report Mode causes an error due to incorrect record format
401156	CE0030CL CE0032 CE0032DF	SC32891 - No rollback on Account Maintenance when session ends abnormally
401151	BL4014A	SC32886 - For an Account, all Account Level Additional Addresses for that Account, AND any Customer Level Additional Addresses, should be included on the HE Record.
401150	DM1090 ICMSMSGF	SC32899 - In Dispute Entry the Dispute Category and Type combinations are not validated
401137	HS2507	SC32865 - CATV Transfer S/O not disconnecting old address S&E Items
401132	CP2705 CP2730 CP2805	SC32858 - Ensure that a Deferred Credit is a Credit, and not a Debit.
401129	PR5010	SC32853 - Service Order screen changes mode from Update to Enquiry
401123	DM1090	SC32852 - F12=Cancel from the Dispute Memo screen closes the Dispute
401121	BL0105	SC32882 - Do not allow update of Post Code for an address when there are active S/O's for that address
401117	LN5014	SC32866 - LIDB validation performed when function not being used
401115	SV0576	SC32840 - Telephony S&E Item Zero Rate override not working
401114	BL4070	SC32837 - During a Service Transfer, Multi Frequency S&Es should only be re-aligned if the Cycle has changed.
401108	SR0013 SR0013DF	SC32836 - Format Code Maintenance - Test function (F7) does not display in Add mode.
401101	CL0571 CL2507 HS2507 ICMSMSGF MS0501 MS1011 SR0700 SV0572 SV0576 SV0591 SV2507	SC32826 - Instalment Indate changed when Service Order is posted
401097	SV3030	SC32823 - Array Index Array for PPP Jeopardy Server
401094	HH0300 HH0300DF	SC32808 - Premises Record remains locked
401090	HH0450	SC32804 - Mass Maintenance screen display problem



<b>Distn #</b>	<b>Objects</b>	<b>APAR # - Description</b>
401087	PR5100	SC32801 - Conflicting message in Service Order Entry
401067	DM1090 DM1090DF	SC32795 - Disputes Entry - Duplicate Record message displayed
401065	CE0062 CE0062DF	SC32793 - Additional Address Maintenance screen does not validate the Post Code field even when the System Parameter 'POSTCODE' is set to 'Y'.
401061	CP2811	SC32924 - Sysroute - Call Load server fails at Validate Usage Qualify for a Package Plan with memory allocation error.
401045	MS1203 MS1203DF	SC32771 - Change error message in S&E Item Maintenance to be a warning message
401029	SR4021	SC32765 - Incorrect Aging Buckets in Customer A/R Aging File (BLAGE) after billing.
401027	BL2509A CE0430 CE0430P1 CE0430P2 CE0430P3 CE0430P4 ICMSMSGF	SC32756 - Cycle transfer activity S&E details report (CE0430P4) has errors
401025	CE3100 CE3100DF	SC32764 - Customer Aggregation Report submit screen displays warning message
401024	CR2000	SC32755 - IXC Out Collect - Module 015 - Overseas Number should be left justified
401009	SV2507	SC32746 - Duplicate S/O Records created during S/O Post
400997	PL5311	SC32723 - Incorrect linecard status being displayed on Service Order Scrolls screen (SV3010).
400991	ICMSMSGF	SC32717 - Spelling mistake in the Cycle Transfer Server message (NLS3A87) description
400984	CP0800 CP0800FM	SC32705 - Cell Master Maintenance fails when there are no records
400982	FM5090 FM5090FM	SC32703 - User is not able to print from ICMS to designated printer
400940	BL0331 BL0331FM BL0341 BL0341FM BL0351 BL0351FM BL0361 BL0361FM BL2037 BL4083 BL4084	SC32635 - Pending Payments are not considered in Reminder Notice/Cut-off selection
400864	CE0286	SC32618 - Sysroute - Account merge does not update two database files (ARTRNP00 & ARTAXP00)
400543	PL2900	SC32225 - Problem with S&E Item addition
400410	DD0071 DD0071DF DD0500 DD2010	SC32161 - Inconsistency in Direct Debit discount amount & Tax on discount during Direct Debit re-calculation process due to Payments and Credit Adjustments.
309977	ICMSMSGF IMCARE00 IMCARE01 IMEXCL00 IMEXCL01 IMPRJC00 IMPRJC01 IMPRJS00 IMPRJS01 IMPROJ00	SC31770 - Fixes and enhancements to CARE tape processing



Distn #	Objects	APAR # - Description
	IMPROJ01 IMTEQA15 IM0202ACL IM0202CLE IM0202CLU IM0203 IM0203DF IM0204ACL IM0204CLE IM0204CLU IM0205 IM0205DF IM0206 IM0206CLE IM0206CLU IM0206DF IM0207 IM0207CL IM0207DF IM0208ACL IM0208CLE IM0208CLU IM0209 IM0209DF IM0220 IM0220DF IM0221 IM0221BJ IM0221CL IM0221P1 IM0230 IM0230DF IM0231 IM0231BJ IM0231CL IM0231P1 IM0241 IM0241P1 IM0241P2 FX309977 FX309977CL FX309977DF FX309977P1	
309939	AR5210	SC33223 - Sysroute - A/R Purge removes all closed records regardless of date
309911	CL0986 CL0986DF	SC32615 - Decimal point was missing in the Mark-up Charge Percentage on the screen
309075	HS5003 PR5014 PR5015 PR5016 SV0100 SV0220 ICMSMSGF	SC30324 - Design Change - Do Not allow S&E and S&E Package Out date to be before their In date
309072	BL0330 BL0331 BL0340 BL0341 BL0350 BL0351 BL0360 BL0360FM BL0361 BL4083 BL4084 ICMSMSGF	SC32656 - Problems with Reminder Edit/Post and Cut-off Edit/Post reports.
306658	BL5022	SC32715 - Sysroute - User can enter invalid service codes in A/R Adjustments and continue with processing.
306138	EC0011R	SC32716 - Sysroute - ECA not updated correctly when closure is requested
304185	CC3041 CC3041DF	SC32850 - Sysroute - Misspelled word in UTI Usage Type Assignment File Maintenance screen title
303268	CE8090 DB0040 DM3060 SV0220	SC33021 - Sysroute - Data in the Cellular S/O specific information file is being corrupted





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Distn #	Objects	APAR # - Description
	SV0220FM	

## **New Function / Enhancements**

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 II40010301

### ***APAR SC33221 - Enable MSPPP Volume Discounts to be booked to the G/L under the Package Plan Element GL Account (Distn # 401481)***

Currently, MSPPP Discounts are reported to the General Ledger at Transaction Level. This APAR introduces a new System Control flag that allows the user to report the MSPPP Discounts to the General Ledger at either the Transaction Level or the Package Level.

### ***APAR SC31770 - Fixes and enhancements to CARE tape processing (Distn # 309977)***

A number of changes have been made to the CARE Tape processing to ensure that it meets the requirements of Users and the Government bodies involved.

Changes have been made to incorporate the exclusion of records based on Project (a group of Carriers) or Service Type, rather than by individual Carrier. This affects the following processes:

- ?? E/A - Create Subscriber Tape
- ?? E/A - Create Carrier Activity Tape

There is now the facility to enter a telephone number range for the Create Subscriber Tape process and the ability to store Transaction Code/Status Indicator combinations in the Equal Access CARE Interface records (IMCARE00) file based on Project Code.

## 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.

### **Pre-Requisites**

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

?? 001001 Oct-00 sent 17 October 2000.

### **Database File Changes**

The DDS for the following database file or datastructure changes were shipped in this PTF Pak. Up to date copies of the ICMSFREF files are in the savefile RI40010301. You should restore these files manually into the ICMSPTF library before running the file creation commands.

<b>PTF</b>	<b>File(s)</b>	<b>Comments</b>
309977	IMCARE00 IMCARE01	Equal Access CARE Interface records file with layout and content changes to support enhancements to CARE Tape processing
	IMEXCL00 IMEXCL01	This new file contains the Service Types to be excluded from the CARE tape
	IMPRJC00 IMPRJC01	This new file contains all carriers to be excluded from the CARE tape by project
	IMPRJS00 IMPRJS01	This new file contains the status codes to be populated for the CARE file by project
	IMPROJ00 IMPROJ01	This new file contains the Equal Access Project Codes and Descriptions.
	IMTEQA15	A new Equal Access Transaction Logical file to be used to check for any Table Code dependencies when performing Table Code maintenance.

### **Process Control 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 the datafix 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.

Details for each File Content change are described in the Implementation Instructions contained in the PTF Pak Documentation savefile II40010301.

Distn #	Objects	File	Comments
401481	Via Menu Option	SYPRCX00	This introduces a new System Flag DISCGLRPT. When it is set to 'Y', MSPPP Discounts are reported to the General Ledger at Transaction Level. When set to 'N', MSPPP Discounts are reported to the General Ledger at Package Level.
309977	FX309977 FX309977CL FX309977DF FX309977P1	SYGWHD00 SYGWIN00 SYGWDT00 CMaster	Records added for the CARE Tape enhancements

### **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 II40010301

Distn #	Objects	Comments
401584	FX401584 FX401584CL FX401584DF FX401584P	This datafix will delete duplicate records in, and add missing records to, the Cable Master (PLPAIR) file.
401296	FX401296 FX401296CL FX401296DF FX401296P	This datafix will set a Service Request's Completion Date to zero if the Service Request's status is Open.
401197	FX401179 FX401179CL FX401179DF FX401179P	This datafix will set all negative Allocated Units in the Planning Schedule File to zero.
309977	FX309977 FX309977CL FX309977DF FX309977P1	Files IMPROJ00 and IMPRJS00 are populated with default records for the CARE Tape enhancements

### **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

L3 WW ICMS Product Support Manager  
Customer Care and Billing Development and Support Centre  
Telecommunications and Media

## Appendix - PTF Pak Savefile Contents

### *FI40010301 - File Content Changes*

<b>*MSGF</b>	ICMSMSGF
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### *GI40010301 – Changed GUI Objects*

<b>*DSPF</b>	BL0331FM	CE1020DF	IM0207DF	SR0013DF
	BL0341FM	CL0986DF	IM0209DF	SV0001FM
	BL0351FM	IC4100DF	IM0220DF	SV0030FM
	BL0360DF	IM0203DF	IM0230DF	SV0220FM
	CE0062DF	IM0205DF	PL0115FM	SY0130DF
	CE0286DF	IM0206DF	PL0820FM	

### *RI40010301 - I4.01 Field Reference Files*

<b>*FILE</b>	ICMSFREFA	ICMSFREFB	ICMSFREFC	ICMSFREFD	ICMSFREF
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### *SI40010301 - Changed Source Code*

Type	Object	Object	Object	Object
<b>*BNDDIR</b>	CP4016	IM0204CLE	IM0206CLU	IM0208CLU
	IM0202ACL	IM0204CLU	IM0207	IM0209
	IM0202CLE	IM0205	IM0207CL	LN5021
	IM0202CLU	IM0206	IM0208ACL	SV0013
	IM0203	IM0206CLE	IM0208CLE	SV4403
	IM0204ACL			
<b>*FILE</b>	ICMSCL	ICMSPRT	ICMSRPGLE	ICMSSRN
	ICMSCLLE	ICMSRPG		

### *WI40010301 - Changed Objects*

Type	Attribute	Object	Object	Object	Object
<b>*PGM</b>	<b>CLLE</b>	IM0202ACL	IM0204CLE	IM0207CL	IM0221BJ
		IM0202CLE	IM0204CLU	IM0208ACL	IM0221CL
		IM0202CLU	IM0206CLE	IM0208CLE	IM0231BJ
		IM0204ACL	IM0206CLU	IM0208CLU	IM0231CL
<b>*PGM</b>	<b>CLP</b>	CE0030ACL	CE0030CL	PL1869BJ	SV4401CL



## ICMS Product Service and Support

Type	Attribute	Object	Object	Object	Object
*PGM	RPG	AR5040	CE1020	HS2507	PL5311
		AR5210	CE3100	HS5003	PR5010
		BL0105	CE8090	HS5090	PR5014
		BL0330	CL0571	LN0004	PR5015
		BL0331	CL0986	LN0108	PR5016
		BL0340	CL2507	LN0280	PR5100
		BL0341	CL5015	LN5014	SR0700
		BL0350	CP0220	LN5022	SV0010
		BL0351	CP0800	MS0280	SV0010B
		BL0360	DB0040	MS0501	SV0030
		BL0361	DB0512	MS0551	SV0120
		BL0374	DD0071	MS1011	SV0220
		BL2037	DD0500	MS1203	SV0223A
		BL2509A	DD2010	PL0113	SV0223B
		BL3065	DD3011	PL0115	SV0340
		BL3102	DD3031	PL0341	SV0572
		BL4014A	DM1090	PL0555	SV0576
		BL4019	DM2010	PL0560	SV0579
		BL4070	DM3060	PL0820	SV0593
		BL4083	EC0011R	PL0881	SV0810A
		BL4084	EM0160	PL1860	SV2502
		BL5007	FM0101	PL1869A	SV2507
		BL5022	FM2510	PL1869B	SV2540
		CC3041	FM3600	PL2222C	SV3010
		CE0032	FM5090	PL2223	SV3030
		CE0062	FM5120	PL2223C	SV4401
		CE0200	FM5140	PL2900	SV4402
		CE0285	FM5200	PL4409	WF0004
		CE0290	HH0300	PL4410A	XX5012
		CE0430	HH0450		
*PGM	RPGLE	CE0286	IM0203	IM0221	SR4021
		CP2705	IM0205	IM0230	SV0013
		CP2805	IM0206	IM0231	SV0100
		CP2811	IM0207	IM0241	SV0591



Type	Attribute	Object	Object	Object	Object
		CP4016	IM0209	LN5021	SV4403
		CR2000	IM0220	SR0013	
<b>*MODULE</b>	<b>CLLE</b>	IM0202ACL	IM0204CLE	IM0207CL	IM0221BJ
		IM0202CLE	IM0204CLU	IM0208ACL	IM0221CL
		IM0202CLU	IM0206CLE	IM0208CLE	IM0231BJ
		IM0204ACL	IM0206CLU	IM0208CLU	IM0231CL
<b>*MODULE</b>	<b>RPGLE</b>	CE0286	CR2000	IM0220	SR0013
		CP2713	IM0203	IM0221	SR4021
		CP2730	IM0205	IM0230	SV0013
		CP2811	IM0206	IM0231	SV0100
		CP4016	IM0207	IM0241	SV0591
		CP4016A	IM0209	LN5021	SV4403
<b>*FILE</b>	<b>DSPF</b>	AR5040DF	CE0062DF	FM5200FM	PL0115FM
		BL0331FM	CE1020DF	HH0300DF	PL0341DF
		BL0341FM	CE3100DF	IM0203DF	PL0555FM
		BL0351FM	CL0986DF	IM0205DF	PL0820FM
		BL0360FM	CP0800FM	IM0206DF	SR0013DF
		BL0361FM	DD0071DF	IM0207DF	SV0030FM
		BL3065FM	DM1090DF	IM0209DF	SV0120FM
		BL3102FM	DM2010DF	IM0220DF	SV0220FM
		CC3041DF	EM0160DF	IM0230DF	SV4401FM
		CE0032DF	FM5090FM	MS1203DF	
<b>*FILE</b>	<b>PF</b>	ICMSDDS			
<b>*FILE</b>	<b>PRTF</b>	CE0430P1	CE0430P4	IM0221P1	IM0241P2
		CE0430P2	DD3011P	IM0231P1	PL2223P2
		CE0430P3	DD3031P1	IM0241P1	SV4402P1

***XI40010301 - Source for File Conversion Objects***

Type	Object	Object	Object	Object
<b>*BNDDIR</b>	FX309977	FX401179	FX401296	FX401584





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Type	Object	Object	Object	Object
	FX309977CL	FX401179CL	FX401296CL	FX401584CL
<b>*FILE</b>	ICMSCLLE	ICMSPRT	ICMSRPGLE	ICMSSRN

***ZI40010301 - File Conversion Objects***

Type	Attribute	Object	Object	Object	Object
<b>*PGM</b>	<b>CLLE</b>	FX309977CL	FX401179CL	FX401296CL	FX401584CL
<b>*PGM</b>	<b>RPGLE</b>	FX309977	FX401179	FX401296	FX401584
<b>*MODULE</b>	<b>CLLE</b>	FX309977CL	FX401179CL	FX401296CL	FX401584CL
<b>*MODULE</b>	<b>RPGLE</b>	FX309977	FX401179	FX401296	FX401584
<b>*FILE</b>	<b>DSPF</b>	FX309977DF	FX401179DF	FX401296DF	FX401584DF
<b>*FILE</b>	<b>PRTF</b>	FX309977P1	FX401179P	FX401296P	FX401584P