5.1 May, 2001 PTF Pak - 010551

28 May 2001

To All ICMS Technical Support Personnel:

This document contains a summary of the PTFs that are being shipped for ICMS Release 5.1 in the PTF Pak, May-01 (010551). 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 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 May-01 PTF Pak Contents

The Pak is made up of the following individual PTFs developed from 14 February 2001 to 8 May 2001.

This 5.1 PTF Pak includes, in addition to a number of individual PTFs, some 'Sysroute' PTFs (a 'resync' 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 #	Objects	APAR #	Description
402025	SV2525 SV2526	SC33808	Service Order Post failed with object contention error
402024	PR5100	SC33783	Unknown User ID in the first stage of new connect wireless service orders
402018	CL1766 CL1930 CL1982	SC33784	TAPOUT files not generated due to Inline Supplementary Services merge module (CL1930) failure
402016	CL1750ACL CL1923 CL1962	SC33775	Trailer error in TAP3 Out-collect
402013	TX0301	SC33770	Tax Table Codes Maintenance display/update error for Standard tax regime = 1
402012	BL3000 BL3000P1	SC33763	Automatic Reconciliation Report readability issues
402009	AP0500CL	SC33777	Sysroute - Post Automatic Payment Batch Job is submitted into the wrong job queue.
402004	SR0011 SR0011A	SC33762	GSM To-number formatted incorrectly.
402000	AP0090CL	SC33776	Sysroute - Automatic Payment Batch job submitted to the wrong job queue.
401996	BL3065	SC33753	Error in Usage Investigation screen Saving Amount field
401992	CL1962	SC33744	TAPV3 Repack error in file sequence number
401989	XX4901	SC33740	Adjustment/S&E Activity by Exchange report prints incorrect GL description.
401988	ICMSMSGF I_CHGUSGGI I_CRTBEUSG P_VLDUSGGI	SC33790	Allow Late Usage flag values of 'B' and 'L' not catered for in MSPPP Package Builder function
401982	BL2044A	SC33734	Currency conversion error in Price Cell to Cell Usage (BL2044A)
401981	CL0571	SC33732	During S/O Entry, screen Service & Equipment Maintenance is refreshed and entered data are reset to default

Distn #	Objects	APAR #	Description
401979	FX401979 FX401979CL FX401979DF FX401979P	SC33746	Conversion program to change incorrect dates in the S/O Phone Number Detail file (SVAUTO)
401978	AR5038	SC33735	Sysroute - A/R Transaction Enquiry (AR5038) does not show the correct sequence when using FIFO, LIFO, Oldest debt and latest debt.
401977	BL2402R BL2401R BL2402RP	SC33727	The Deleted Unbilled Usage Summary Recap Report (BL2402R/P1) prints incorrect Access Number value in the report.
401976	BL5050 BL5054	SC33729	Payment Entry Warning message 'Payment amount does not match balance' is not always consistent
401971	CE0230	SC33725	F3 Exit does not work on screen Account Memo Maintenance via 6.4.6.
401970	PL3231CL	SC33726	Sysroute - Terminal pair batch job is submitted to QBATCH instead of an ICMS job queue.
401968	BL3324R2 BL3327 BL3328 BL3326	SC33778	Sysroute - Toll Limit field in Customer A/R Aging file (BLAGE) is not updated.
401967	CL1766 CL190044 CL1962	SC33716	UTC time offset missing in network header
401957	MS1011	SC33705	Fields can be updated in Interactive S&E Enquiry
401955	PL0232	SC33718	Sysroute - Terminal Pair Profile Maintenance allows entry of overlapping profiles
401954	BL2402CL	SC33704	Error on date validation In Delete Unbilled Usage Summary Recap job (BL2402)
401950	BL4021	SC33719	Sysroute - BLAGE record locked message for non-A/R payments
401948	CL1652CLE CL1652CLU CL1654	SC33713	A conditional population rule cannot be entered
401945	SV0001	SC33691	New Connect, Temporary Connect and Transfer S/O staging error
401940	PL0555	SC33683	Cable Pair Maintenance - Unable to change Pair status from "U" to "S".
401939	CL1765 CL191017	SC33730	Exchange Rate Validation for Service Centre Usage must be included
401934	BL3313P1 BL4034P1 BR0022P1 BR0500P1	SC33674	Billing Cycle Reports - Number of spooled records must be increased from 100 000 to 500 000.
401932	CE0340P1 CE0344 CE0344CL ICMSMSGF	SC33681	Change the use of term 'Blacklist' to 'High Credit Risk' as default via soft coded literals.
401931	PR5100	SC33702	Sysroute - Message suppressed which should actually be sent
401929	BL2120BJ BL4180 BL4180P1 ICMSMSGF	SC33722	Write off Purge does not produce a report.
401928	CE9000	SC33666	Unable to work with reassigned line information

Distn #	Objects	APAR #	Description
401927	DB1276 DB1276P1	SC33662	Missing information on Credit Rating listing report.
401924	ICMSMSGF	SC33665	Correct the Copyright information in a number of messages
401916	SV4510CL	SC33655	Sysroute - Submit job not using standard ICMS submit parameters.
401914	BL5022	SC33659	Sysroute - Adjustment entry does not show the total current for merged accounts
401908	CE9000	SC33645	Mobile Number Usage History displays when selecting an expired SN from the SN Scroll for all account.
401907	CL0180	SC33642	Service Order Completion Array Index Error
401906	PL5090	SC33641	Screen information is not displayed correctly.
401904	PL0115	SC33657	F15 in the Service Address screen of S/O linecard does not work.
401898	CL1630 CL1630BJ	SC33631	ASN.1 Encoding Errors
401897	BL3065 BL3065FM CL190043 CL1963	SC33629	For MOC/TAPIN calls Billable Units are not displayed on the Toll Investigation screen
401896	BL4070B	SC33627	Accounts with S&Es with associated free text not printed on statement correctly
401895	AA2140 AA2160 AA2180 AA2200 AA2210 AA2220 AA2260 LE8900 PL3101 SVLCDL10 SV0601A SV0601E WF2500A	SC33625	Service Order Line Card Scroll does not function properly.
401894	CL1225	SC33624	Processing error when canceling GSM orders.
401889	CL1781A CL1781ZCL	SC33637	When more than one batch belonging to the same operator is Forwarded to Bill, the Call Validation Server ends abnormally.
401886	SV1930 SV1930P1 SV1930P2 SV1939 SV1939P1	SC33632	The Cut-off Post reports (SV1930P1 and SV1930P2) do not have printed Totals.
401885	SV4200	SC33615	Asynchronous job PRINTSVORD uses excessive CPU
401884	CL1783ABJ CL1783BBJ CL1784B	SC33643	Roamer CDR Exchange Report goes to message wait
401883	DD0061	SC33635	Direct Debit Account Maintenance overwrites manual entry of Bank Account name.
401881	CL0011	SC33613	The mobile number selected is not valid or has expired
401879	HW0092	SC33608	Basic equipment on pending order is available for transfer.
401878	PR5100	SC33606	Service Order scroll failure

Distn #	Objects	APAR #	Description
401877	BL3101	SC33605	The customer is now no longer able to select what sequence the SAM address is displayed in.
401875	BL4120	SC33602	Performance problem on "Toll Stocktake Unbilled Calls" Report
401871	BL4083 BL4083P1 BL4083P2 BL4084 BL4084P1 BL4084P2	SC33614	The 'Overdue Balance Selection Criteria' is not displaying on the Write-off edit or post
401867	CE4104	SC33597	Totals for No. Disputes and Number of Active Services in Customer Aggregation Report is always blank or zero.
401864	CLICAR00 CL1760 CL1760ACL CL1765 CL1766 CL191015 CL191016 CL1931 CL1932 CL1986 SR0190B	SC33653 SC33653	401864 TAPIN wrong reference for calculating number of decimal places for a given amount in TAPIN 401876 Where severe errors have occurred for a Foreign Operator during In-Collect a sequence number zero 'Holding ' File gets generated.
401863	CL1883	SC33590	Where several 'Missing Sequence Numbers' RAP files are generated for the same Foreign Operator, frequently the same file 'Sequence Number' is repeated.
401862	CL1781B CL1781BDF CL1781ZCL CL1782B CL1782BDF CL1782ZCL	SC33593	File sequence Number on In and Out Collect Transfer File Detail Selection screen displays as 7 digit number instead of 5
401857	SV0120	SC33584	EN does not default when attaching intact linecard
401854	CL1765 CL191012	SC33588 SC33580	401854 IMSI is not validated correctly 401855 TAPV3 Call age validation fails
401850	MS1011	SC33577	Interactive S&E Maintenance problem
401848	PL2434	SC33748	Sysroute - Service order goes into error is line card attached is reserved.
401846	PR5010 SV0010	SC33570	Incorrect validation of services available
401845	BL5050 BL5052	SC33571	When a payment batch has payment types that are 'Non-AR Types', and you try to maintain them you get the message ' Invalid Account number'.
401844	BL4260	SC33569	Payment Detail Journal reporting - Second Batch ID Summary (BIDSUM) report is blank.
401840	BL4080	SC33564	Write Off edit/post report not showing the selected parameters
401836	SV0010	SC33554	System allows creation of line card even when 'EN converted flag' is 'N'o.
401835	CE1030	SC33562	Customer scroll is not getting cleared correctly from Work With Customer

Distn #	Objects	APAR #	Description
401833	PL0113	SC33542	401833 Removal of a prejumper with more than one link leaves more than one inserted blank line
		SC33574	401767 Sysroute - Status of spared prejumpered pair does not go back to 'P'
401832	SV0001	SC33537	In S/O Scroll, unable to stage Service Orders to stage code 99
401829	SV0001 SV0010B ICMSMSGF	SC33535	Sysroute - Memo screen not created based on the memo template
401826	CL0500	SC33533	Incorrect message returned during GSM order entry
401825	SV0150CL	SC33531	The S/O Access Number Selection Work File was created incorrectly.
401824	BL3800	SC33550	Work with subsidiary crashes when more than 99 entries
401816	CP2720 CP2720A FX401794 FX401794CL FX401794DF FX401794P1	SC33751	Sysroute - MSPPP Package Plan Element Discount History file Purge does not work correctly.
401812	ICMSMSGF	SC33546	Sysroute - Message text formatting problem
401807	PL0900 PL2234	SC33520	After Bulk Number Change, numbers from old inactive range can still be allocated
401806	SV0010	SC33519	Service order transformation error.
401792	CL1530	SC33565	Sysroute -TAPIN usage record doesn't populate the Sub-Unit Charging flag field (EMRBUF).
401791	CL1765 CL190005 CL1963	SC33556	Time of call calculation for MTC records is incorrect
401790	BL4260 BL4260B BL9260 PAYDTL WKPJRN00	SC33549	Non A/R Payments report sequenced by payment amount is incorrect
401783	CC0241	SC33663	Sysroute - Long duration Call – Start of usage time is incorrect
401782	PR3002	SC33545	Sysroute - Date details in S/O Posting Data Area SV2501DA not updated.
401779	SF0010 SF0010P1 SF0010P2	SC33521	Bill On Demand Statement - wrong orientation on text line.
401778	BL4023 BL4023P1	SC33499	Adjustment Edit/Post report layout is not clear.
401777	CL1766	SC33503	During In-Collection stand-alone Supplementary Records gets Duplicated.
401776	CL190008 CL1982	SC33511	Serial Number variable not reset to zero after each in collect batch
401775	CP2724 CP2724B CP4016	SC33508	A package that has Major/Minor definition shows discount amount incorrectly.
401771	PAYDTL	SC33501	Non A/R Payment detail report is not clear.

Distn #	Objects	APAR #	Description
401770	MS2505 MS2505A PR2002BJ	SC33544	Sysroute - Directory Reports not printed after post
401759	CL190008 CL1982	SC33491	Problem in Incollect program (CL190008) caused CE server job to crash
401758	FM5141	SC33738	Sysroute - System Date format on Network Fault Entry screen not consistent with other displays
401755	PG0011	SC33484	Second page of Purge Master record not displayed in Enquiry mode
401753	GD0110	SC33481	Miscellaneous Parameters showing incorrect Customer/Account details
401750	BL4081BJ	SC33720	Sysroute - Write-off Post allows to run concurrently for the same billing cycle.
401748	BL4002 BL5050 BL5054	SC33500	Payment Receipt is wrong when there is an unposted Reversal Payment.
401747	HS5062 MS0500 ICMSMSGF	SC33478	Incorrect validation of S&E Item to Trap id translation
401742	CE5110	SC33543	Sysroute - Phone Number is getting truncated when displayed in Customer Status screen.
401741	CL1760 CL1760ACL CL1760B CL1760C FX401741 FX401741CL FX401741DF FX401741P1	SC33492	Standalone SS record incorrectly rejected as duplicate
401738	IM6090 PLRELL4 PL0930	SC33462	SAC Number Range Relationship Scroll by range-from-no. does not show some records.
401734	BL3323 BL3324R2 BL3325 BL3326 CE0200	SC33660	Sysroute - Credit Rating/Toll Limit Master not checked
401733	LN0011A	SC33463	Access Number format displays incorrectly
401732	CL1500 CL1510 CL1511 CL1512 CL1513 CL1514 CL1515 CL1516	SC33482	TAP2SP package server does not recognise the date change when server is left active over midnight
401731	XX1060CL	SC33458	ICMSSETUP program fails if there is a library name that is 10 characters long.
401730	HS5002	SC33456	Incorrect message returned when invalid option entered.
401728	CL1652CLE CL1652CLU CL1653 CL1654	SC33471	Incorrect display of input parameters for population rules
401727	CL1783ABJ CL1783BBJ CL1784A CL1784AP1 CL1784C CL1784CP1	SC33457	In Collect summary report job goes in to message wait
401721	BL4070	SC33616	Sysroute - Billing run program BL4070 dumps when called from Package Analyser under specific conditions

Distn #	Objects	APAR #	Description
401719	CL1665 CL1781A CL1781ADF CL1781B CL1781C CL1781ZCL CL1782A CL1782ADF CL1782B CL1782C CL1782ZCL	SC33446	TAP Files, created for previous versions, will not display correctly for new version - TAP3
401718	LN8040	SC33447	S/O physical address defaults in incorrectly
401717	CL1760 CL1760ACL	SC33451	Incorrect error handling during in-collect processing
401716	PG0011 PG0011DF	SC33759	Sysroute - Purge Master Maintenance screen validation errors - user unable to exit screen
401714	SV1930	SC33442	Cut-off Post Job creates Disconnect S/Os for only 99 Service Types
401713	SV0030	SC33618	Sysroute - The service type on the Additional Line Information screen is blank and in error.
401706	CP4068 CP4068P1	SC33472	Sysroute - The Quantity totals for Total Service Code and Grand total will only hold 5 digits.
401699	CD0675 CD0675CL CD0675CLA	SC33433	Expiring Credit Card/Direct Debit list has two problems
401698	BL5050 BL5054 BL5054DF	SC33428	Some fields are truncated in A/R payment entry screen
401695	CL1801CL CL1802CL	SC33427	ASN.1 Decoder leaves OVRDBF'S active.
401691	HS5021 FX401690 FX401690CL FX401690DF FX401690P	SC33582	Sysroute - CATV S/O will not post due to error 'Subscriber Master record does not exist'
401686	BL3013	SC33421	Directory Assistance enquiry showing only a subset of directory information
401678	CP2705 CP2805 CP2810	SC33416	Incorrect discount for the Most-Used packages with Rounding factor.
401673	BL4098 BL5038	SC33418	On-line ageing screen is not displaying the Security amount correctly.
401671	CL2501 CL2502 CL2503 CL2504 CL2506 CL2507 CL2508 CL2510 CL2511 CL2512 DL2502 HS2501 HS2502 HS2503 HS2507 HS2508 ICMSMSGF MS2507 PR2580 SV2501 SV2502 SV2507 SV2508 SV2526 FX401391 FX401391CL FX401391DF FX401391P	SC33611	Sysroute - Incorrect service order post error file handling
401667	SV0120	SC33410	Automatic EN allocation failure

IBM

ICMS Product Service and Support

Distn #	Objects	APAR #	Description
401662	BL4115 BL4115P1	SC33408	Security Information reports should not print subtotal when customer is not multi-currency.
401660	BL3010	SC33400	Payment Enquiry screens returns to first screen whenever F10 is pressed.
401659	DM2010	SC33438	Sysroute - DISPUTES-Charge Code and G/L Account inconsistencies
401647	LN5022	SC33696	Sysroute - S&E Validation not applied top Both item.
401645	FM5120	SC33466	Sysroute - The dates displayed on The Customer Fault Activity screen (FJ5111) are wrong.
401643	PL0902 PL0902DF	SC33385	Manual allocation of number from a SAC that is different from the SAC of the service address results in an SVAUTO record without a switch
401639	PL0113	SC33464	Plant - S/O Line Card maintenance creates duplicate pairs when cable pair is spared and reattached
401634	PL1500A	SC33383	Pre-Jumpered Network Listing does not display correct status values.
401633	BL0332 BL0352	SC33382	Deactivated message not shown when deactivating reminder/cut-off from payment entry
401630	SV0125	SC33377	Error messages not being cleared
401629	LN0004 PL0110 PL0112 PL5080 PL5201 SV0000A SV0012 SV2540 XX5012	SC33378	Cable Pair records duplicated.
401626	CE0030	SC33388	Position to does not work on the Customer Address maintenance screen
401624	SV0010 ICMSMSGF	SC33373	Inhibited address message not displayed for subsequent order for the same address.
401622	SR0057	SC33372	Miscellaneous Parameters showing incorrect Customer/Account details
401619	CL1802CL CL1812 ICMSMSGF	SC33374	Copy blank file causes program error
401617	CE1020	SC33366	Sysroute - Service number field is not displayed on the Security and Refund screen
401616	BL5050 BL5054	SC33365	Payment Entry pop-up window for Reminder and Cut-off is not displaying
401615	BL9260 PAYDTL	SC33363	Unbilled Payments Report selection screen is displaying an invalid message
401612	ICMSMSGF	SC33439	Sysroute - Message text truncated
401605	PL0555	SC33589	Sysroute - A record lock is being left in place by the Cable Pair Maintenance program.
401602	BL3102 BL3102FM	SC33353	Problem with SAM Scrolls.
401596	BL4218BJ	SC33367	Sysroute - Security Refund batches are not posting when Adjustment Post is run.

5.1 May-01 PTF Pak **Integrated Customer Management System** Page 9 of 9

-

ICMS Product Service and Support

Distn #	Objects	APAR #	Description
401594	MS0550	SC33346	Interactive Directory Maintenance - Unable to create Seq1 Line1 entry; Creates Seq2 Line1 when only Seq1 Line0 is present
401587	BL0105 ICMSMSGF	SC33369	Sysroute - Users cannot create new SAM Addresses.
401581	CL1650 CL1652CLE CL1652CLU CL1654 CL1658 CL1662	SC33335	Incorrect display of input parameters for population rules
401580	BL2853 BL2853P	SC33476	Sysroute - External Remittance upload can result in wrong characters in the Account Number field.
401579	PL0200 PL0217 PL2233A FX401579 FX401579CL FX401579DF FX401579P1	SC33359	Bulk Number Change - error when trying to maintain/display converted BNC Projects
401578	XX0210	SC33754	Sysroute - When creating the Sorted Statement file (BLSTNF00) the program ended in error.
401577	CL0202	SC33576	Sysroute - Pending order flag reset.
401546	BL4098CL ICMSMSGF	SC33304	PAYADJ-AR report submit screen allows invalid input
401544	BL3013	SC33362	Directory Assistance enquiry showing only a subset of directory information
401524	CL0500 CL1225 CL5020 DL0500 HS5003 HS5005 ICMSMSGF SV0010B SV0220 SV0223B SV1932 SV1933 FX401524 FX401524BJ FX401524CL FX401524DF FX401524O FX401524P	SC33274	Service order entry allows an existing service order number to be re-used
401500	SV0810A	SC33282	Sysroute - PPP Update Job fails with array index error.
401491	SV0588 ICMSMSGF	SC33621	Sysroute - Optional package S&E not updated
401453	LN5014 LN5021 LN5022 SV0572 SV0579 SV2501 SV2502 SV2507 ICMSMSGF	SC33640	Sysroute - Any outdate against S&E Items during a transfer S/O are being ignored
401442	CP0571	SC33628	Sysroute - S&E Item Detail file (BLUSOC) not updated correctly when package unexpired.
401440	FM5120	SC33207	Sysroute - The wrong Provisioning Parameter Driver is being displayed and entered into fault records.

Distn #	Objects	APAR #	Description
401412	HS5062 MS0500 MS0503 MS5501	SC33371	Sysroute - User preventing from adding an S&E Package, Charge per STT Yes, to an account with multiple STTs and the package exists against another STT already.
401369	HS5003	SC33583	Sysroute - Screen allows invalid date to be entered.
401364	SV4090 SV4090P	SC33575	Sysroute - Overlapping data on report output.
401336	HF5045	SC33661	Sysroute - CATV usage showing under old number
401332	AR5211	SC33769	Sysroute - A/R Transaction Purge deletes open A/R Tax Transactions after an account merge.
401307	BL3065	SC33633	Sysroute - Billing Cycle field incorrectly updated
401302	BL2093	SC33444	Sysroute - Credit Rating Promotion/Demotion Report
401166	PG2001	SC33465	Sysroute - Account Transaction Purge not deleting all valid records
401141	CCIGMD00 CCIGMD01 CC0040 CC0040CLE CC0040CLU CC0040DF CC0400 CC0401	SC33209	Sysroute - - Call Collection cannot process AMA records with new Modules attached
401105	PL0555 PL0555FM PL4090	SC33741	Sysroute - Cable terminal display truncated in some screens/reports
401021	CL1510 CL1512 CL1514	SC32979	Sysroute - Gap in TAP OUT sequence number
401006	FL2010	SC32738	Sysroute - GIS File Load Validation problem
400908	CD0630 CD0670 CD0670P1 CD0681 CD0720 CD0720P1 CD0721 CD0721P1 CD0722 CD0723 CD0724 CD0725 CD0740 CD0740P1 ICMSMSGF	SC33694	Sysroute - Re-calculate Credit Card Amount during CC Transaction Post.
400880	PR5014	SC33692	Sysroute - Add a system control flag to allow screen to switch between the entered dates overriding the existing SVORDR00 dates or not.
400874	PL0820 PL1861A PL1869A	SC33676	Sysroute - Bulk SAM change problem.
400683	AA2281 AA3104	SC33013	Sysroute - S&Es allocated to old IMSI on change of SIM Card
400662	HS5507	SC33668	Sysroute - Where items have been provisioned Per STT 'Y', duplicate hits are being sent on each run of the nightly hit program, hit status field is not being reset.
400620	MS0502	SC33667	Sysroute - Message displayed during up/downgrade

Distn #	Objects	APAR #		Description
400612	MS0503 MS5500 MS5501 MS5502	SC33706	400612	Sysroute - Upgrade/Downgrade Error for Accounts with more than 100 Set Top Terminals
		SC33707	400622	Sysroute - Incorrect Sales Agent validation
400411	DD0071 DD0071DF DD0500 DD2010 DD3011 DD3011P DD3031 DD3031P1 ICMSMSGF	SC33603	400411	Sysroute - Inconsistency in Direct debit discount amount & Tax on discount during direct debit re-calculation process due to payments and credit adjustments.
		SC33610	401632	Sysroute - Credit Adjustments are not being allocated to oldest debt.
		SC33609	401601	Sysroute - Manually adjusted DD amount being overridden with higher DD amount.
		SC33607	401484	Sysroute - Direct Debit transactions are getting cancelled when sum of Discount and Tax on Discount equals to Amount Due.
004307	PT0100 SV0030 SV0120 SV0120DF SV0150 SV0150DF SV0151 SV0152 SV0160 SV0160DF SV0310A SV2540 SV2540G SV3500 SV3500DF SV3520 FX004307 FX004307CL FX004307DF FX004307P1	SC33485		Pilot Number Validation Modification

Distn #	Objects	APAR #	Description	
004298	CLPPRL00 CLPPRL01 CLPPRL02 CLPPRL03 CLPPRL04 CL1612CLE CL1612CLU CL1614CLE CL1614CLU CL1632 CL1643 CL1652CLE CL1652CLU CL1653 CL1653DF CL1654 CL1654DF CL1674 CL1750 CL1750ACL CL1750C CL1750E CL1750F CL1750FP1 CL1750P1 CL1750W2 CL1760 CL1760ACL CL1764 CL1765 CL1766 CL1766A CL1766B CL1768A	SC33356	004289	TAP 3 Enhancements to reference field maintenance and conditional population process
			401696	Detection of mandatory field during out-collection is no longer active
			401694	Incorrect merging of SS during out collection
			401689	Out Collect REPACK process fails with the error message: 'Receiver value too small to hold result'.
			401640	Error in population of BLUSGT00 extension field EMROTA
	CL1768A1 CL1781HBJ CL1781ZCL CL1782ZCL CL1783ABJ CL1783BBJ CL1821CL CL1882	SC33429 SC33407	401703 401666	Out collection fails Invalid Derivation Source Restriction for derivation method EP
	CL1883 CL1884 CL1885 CL190009	SC33395	401653	Error in method of totaling charge detail
	CL190014 CL190051 CL190052 CL190055 CL1923 CL1929 CL1930 CL1962 CL1963 CL1968 CL1982 ICMSMSGF	SC33391	401609	Summation Derivation method not working
004284	CP0985 CP0985DF CP0986 CP0986CL CP0986DF CR2000 CR2040	SC33568	Allow Wildcard Search on LATA Code	
004283	BLDFMT00 BLTL010 BLTL010B BLTL010C BLTL011 BLTL011B BLTL011C BLTL012 BLTL012B BLTL012C BLTL013 BLTL013B BLTL013C BL0031 BL1800 BL2007 BL2007A BL2012 BL2012A BL2012CL BL2012CLB BL2013B BL2045 BL2047 BL2220A BL2401R BL2750 BL2750BJ BL3065 BL4036 BL4036A BL4076 BL4082B BL4094 BL4100 BL4107C BL4120 BL4600A BL4600BJ BL4606A BL4610B BL4610BJ BL4612A BL6036CL BR0010BJ BR0600 CL6320 CL6320CLC	SC33567	Addition of Access Number to Billable Call File	

Distn #	Objects	APAR #	Description
	CP0163 CP0164 CP0202 CP0687BJ CP2724 CP2724A CP2846CL CP2852 CR2010 CR2011 CT8100R LN4107CL P_GETUSG RA0222R TDAS42R CV7001BJ CV7001CL CV7010CL CV7012CL CV7013CL CV7014CL CV7015CL CV7020CL CV7021CL CV7100 CV7100CL CV7110 CV7110CL CV7210 CV7210CLE CV7210CLU CV7211 CV7300CL CV7302ACL CV7302CL CV7303CL CV7304CL CV7305CL CV8810 CV8811BJ CV8840 CV8840BJ CV889011BJ CV889011X FX428301CL FX428302CL SYSNM CV8840 CV889011X CVICTL00 CVICTL01 CVICTL02 CVICTL03 CVICTL04 CVIMSG00 CVXXXXW1 CVXXXXW2 CVXXXXW3 CVXXXXW4 CVXXXXW5 CV7001DF CV7210DF CVFLAGS CVRLSID CV8840 CV889011X		
004282	CCDMER00 CCDMER01 CCTBRV00 CC0230 CC0241 CC0400 CC0401 CC0405 CC0406 CC1110 CC1111 CC1112 CC1200 CC1300 CC2001BJ CC2090 CC2095 CC3001 CC3002 CC3003 CC3004 TB000000 FX004282 FX004282CL FX004282DF FX004282P1	SC33566	AMA Ticket Conversion File Changes

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.

APAR # SC33722   (Distn # 401929)- Write off Purge does not print a report

The Write Off Purge (BL2120) has been enhanced to produce a report displaying the entire contents of the purge file prior to the file being deleted.

APAR # SC33537   (Distn # 401832) - In S/O Scroll, unable to stage Service Orders to stage code 99

The S/O Scroll has been modified so that when a user enters a numeric value less than 100 against a S/O, the following rules are followed in processing that entry.

1)   If value is between 30 to 36 then call linecard screen

2)   Otherwise validate value against MSXREF00 Access Code = 'SOMAINTS' + Service Code. If no record found, try again for Access Code = 'SOMAINTS' + S/O Classification + Service Code.

3)   If no record exists in MSXREF00 then entered value is deemed to be a stage code.

4)   If record exists in MSXREF00 then entered value is deemed to be a valid option.

APAR # SC33209 - (Distn # 401141) - Call Collection cannot process AMA records with new Modules attached

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

APAR # SC33485   (Distn # 004307) - Pilot Number Validation Modification

In the base ICMS Release 5.1, Pilot Number validation is mandatory against the Pilot Number file (PLPILT00). Users have to set up Pilot Number Groups in the file PLPILT00 before they can assign Pilot Numbers within provisioning. There is no other option.

This PTF to 5.1 was developed to allow Pilot Number Validation to be mandatory or optional at a system level. A new system process flag, VALIDPILOT, was added to SYPRCX00 to control whether or not the Pilot Number validation is enabled / disabled.

1.   If VALIDPILOT is set to 'Y', then Pilot Numbers will be validated against Pilot Number file, (PLPILT00).

2.   If VALIDPILOT set to 'N', then Pilot Numbers will not be validated against Pilot Number file, (PLPILT00).

VALIDPILOT will be defaulted to 'Y' when created.

APAR # SC33356   (Distn # 004298) - TAP 3 Enhancements to reference field maintenance and conditional population process

Out Collect File Conditional Single Field Population

Three new fields are added to population rule parameter file. These three fields are:

1.   conditional flag,
2.   presence/absence flag and
3.   reference field.

The population rule maintenance program is changed to allow maintenance of these new fields.

The population program is changed to utilise the new fields:

1.   Conditional flag to determine whether generic conditional population is required.

2.   If generic population is required, the data content in the reference field is retrieved from the out collect record.

3.   Based on the result of data retrieved from the reference field and the presence/absence field, the population program will decide whether the population rule is to be executed or to be bypassed.

Enhancement to Out Collect Conversion Error Report

A new 'Out Collect Conversion Error List' (CL1750FP1) is introduced to the Out Collection process that prints more details than the current report generated by the Out Collect process. The new report includes details from the Out Collect Call Detail file (CLOUCL00) which are listed in the Pre-Install Instruction section of the Implementation Instruction document in savefile II51010551.

APAR # SC33568   (Distn # 004284) - Allow Wildcard Search on LATA Code

LATA code is an attribute used in the rating of North American calls and is defined to the Rate Table Names Maintenance parameter within ICMS. This field allows a single (3-numeric) value to be entered or selected from those LATA codes valid to ICMS.

LATA indicator is an attribute used to determine whether the call was an intra LATA or inter LATA call and is also used in the rating process.

The Rate Table Names Maintenance program was modified to allow a wildcard value in the LATA code field. The V&H Rater module was also modified to cater for the wildcard search.

A wild card entry is allowed when other specifically defined entries exist. Similarly specific entries are capable of being entered irrespective of a wild card entry.

Generic wildcarding is **not** provided e.g. LATA code **46***, or **4*6**, or ***60**.

APAR # SC33567 (Distn # 004283) - Addition of Access Number to Billable Call File

The Billing Telephone Number (EMRSKY) field has been added to the Billable Usage Template file (BLDFMT00) and all the programs which refer to BLDFMT00 were recompiled.

In ICMS 4.0 the Toll files were altered and the field EMRSKY (Billing Telephone Number - BTN) was dropped for disk storage reasons.

However this information is required to support the archive of call data, where the ICMS internal service number will lose relevance should call data be reviewed some years later. It is a US statutory requirement that this information be made available.

APAR # SC33566 (Distn # 004282) - AMA Ticket Conversion File Changes

With LNP changes for originating/terminating LRN modules, the length of the AMA record sometimes exceeds 200 positions.

The existing AMA Call Collection input file TB000000 and Revalidated Error file CCTBRV00 were increased from 200 to 400 bytes to accommodate the LRN modules. The DMS Error Detail file CCDMER00 was also modified, increasing the field CDDATA from 200 to 400 bytes.

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.

Pre-Requisites

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

- 010251   Feb-01 PTF Pak shipped 22-Feb-01

General Comments on Individual PTFs

Please take note of the comments for the following individual PTFs that are included in this PTF Pak.

Distn #	Comment
401524	There are two Datafix Content files (FX401524 & FX401524O) for this PTF in savefile DI51010551. These must be restored manually to the ICMSPTF library prior to running the associated Datafix.
004283	The file changes in this PTF **must** be implemented using the conversion routines supplied. **Do not** attempt to recreate the files using the standard CRTICMSPF or CRTICMSLF commands. Please refer to the Post-Install section of the Implementation Instructions contained in the PTF Pak Documentation savefile II51010551 for full details of the conversion process. .
	After applying the PTF Pak using the APYICMSPTF command please manually copy/move the following files from the 'PTF_Save_File_Library' to the 'PTF_libray':
	CVICTL00 CVICTL01 CVICTL02 CVCITL03 CVICTL04 CVIMSG00 CVXXXXW1 CVXXXXW2 CVXXXXW3 CVXXXXW4 CVXXXXW5
004282	As part of this PTF The existing AMA Call Collection input file TB000000 and Revalidated Error file CCTBRV00 were increased from 200 to 400 bytes to accommodate the LRN module changes. A specific process must be followed to put these changes in place. Namely 1. Processing of all unprocessed input files 2. Application of object and file changes for this PTF 3. Run the conversion programs Please refer to the Pre-Install and Post-Install sections of the Implementation Instructions contained in the PTF Pak Documentation savefile II51010551 for full details of this process.

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 RI51010551. 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. A '*work*' or '*temporary*' file is created by the application as and when required. Consequently there are no create ICMS file commands for such files.

PTF	File(s)	Comments
401895	SVLCDL10	The Linecard Sequence field was added to the key to SVLCDL10
401864	CLICAR00	This file stores the amount value due to Rounding up or down of in-collect amounts within an in-collect batch file that has a different decimal position from the decimal position for the in-collect transfer currency
401790	WKPJRN00	This Payments Journal work File has had its Key lengths changed from 15 to 20.
401738	PLRELL4	File changed to have a unique key; previously was non-unique
401141	CCIGMD00 CCIGMD01	These new files will contain all the Ignore Module codes for Call Collection processing. If the Module Code is in these files then it will be ignored for Call Collection processing.
004298	CLPPRL00 CLPPRL01 CLPPRL02 CLPPRL03 CLPPRL04	Three new fields are added to population rule parameter file. These three fields are: 1. Conditional flag, 2. Presence/Absence flag and 3. Reference field. The population rule maintenance function has been changed to allow maintenance of these new fields.
	CL1750W2	A new Work File for Out Collect Error Reporting used in the new Out Collect Conversion Error Listing program.
004283	BLDFMT00 BLTL010 BLTL010B BLTL010C BLTL011 BLTL011B BLTL011C BLTL012 BLTL012B BLTL012C BLTL013 BLTL013B BLTL013C	Billing Telephone Number (EMRSKY) field added to the Billable Usage Template files. (BLDFMT00 & BLTL*) **Note**: **Do not attempt** to recreate these files using the standard CRTICMSPF or CRTICMSLF commands. Use the conversion routine (FX428301CL) supplied with this PTF Pak. For further details refer to the Pre and Post Install Implementation Instructions contained in the documentation savefile, II51010551.
004282	CCDMER00 CCDMER01	Field CDDATA increased in size from 200 to 400 bytes
	CCTBRV00 TB000000	AMA Call Collection input file (TB000000) and Revalidated Error file (CCTBRV00) were increased from 200 to 400 bytes to accommodate the LRN modules.

Process Control File Content Changes

Process control file content changes are normally done using 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 Pre- and Post-Install Implementation Instructions contained in the PTF Pak Documentation savefile II51010551.

Distn #	Objects	File	Comments
401816	Via Menu Option	PGMAST00	Add details to Purge Master file to allow the selective purge of records from the MSPPP Customer Package Plan Element Discount History File (CMPEHS00).
	FX401794 FX401794CL FX401794DF FX401794P1	PGFILE00	This datafix will add new record 'CMPEHS00' to the Purge File-Details File (PGFILE00). This new record will be used to store summery of deleted records.
401741	FX401741 FX401741CL FX401741DF FX401741P1	SYPRCX00	This adds the Additional Duplicate Check In-Collect Run Flag, XR_DUPCHK, used to determine how the Additional Duplicate Check for In-Collect process will be done.
401141	Via Menu Options		Records added to these two files for the Ignore Module Processing changes
		SYGWHD0	Generic Prompt Window Parameter Header file
		SYGWIN00	Generic Prompt Window Field Definition Parameter file
400908	Via Menu Options	SYPRCX00	Adds the system control flag 'CCPOSTADJS' that determines whether or not the Credit Card amount is adjusted at the time of Credit Card Posting.
004307	FX004307 FX004307CL FX004307DF FX004307P1	SYPRCX00	Adds the system control flag 'VALIDPILOT' that controls the validation id Pilot Numbers against the Pilot Number file, PLPILT00.

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 II51010551 for more details.

Distn #	Objects	Comments
401691	FX401690 FX401690CL FX401690DF FX401690P	This datafix will correct the New SN in the Service Order Equipment Item Detail X-Reference file (SVSOEQ00) for set tops that were changed within a new connect service order.
401671	FX401391 FX401391CL FX401391DF FX401391P	This datafix will delete duplicate Primary Line Number records created by the S/O Post from the Primary access number master file (BLPRIM00)
401579	FX401579 FX401579CL FX401579DF FX401579P1	This data fix was written to remove any Bulk Number Change Project Types from the Project Control (PLNMCNT) and Detail (PLNMDET) files where: 1. Project Type is other than A,B,C or D, and 2. Project Type = C or D and Projects have been Posted For open 'C' or 'D' BNC Type Projects at time of conversion to I5.1, can be manually purged using 'Bulk Number Change Project Purge' (access path 4,1,13,17). This datafix is required as Project Types 'C' & 'D' were archived at I5.1 and the BNC Project Files have to be purged to reflect this.
401542	FX401524 FX401524BJ FX401524CL FX401524DF FX401524P	This datafix has been created to clear existing service order data from specified service order trailer files where the parent service order record no longer exists in ICMS. The program reads a fixed content file (FX401524) to determine which trailer files are to be processed. An open query file is used to determine if any orphan records exist and, where orphan records are found, the S/O number is stored in an output file (FX401524O) and a RPG program is called to delete and report them. **Note:** These files can be found in savefile DI51010551 and must be manually restored to the ICMSPTF library before running the datafix. The content of the input file cannot be modified as the RPG program has been coded to match this content.

Distn #	Objects	Comments
004283	See Post-Install Instructions section for a complete list	This conversion converts all BLTL* Usage/Toll files to include the new field EMRSKY Scroll Key, which will be initialised with spaces, using the newly changed DDS and retaining the existing data. Please ensure that the ICMS Field Reference files (ICMSFREF*) have been restored to the ICMS PTF Library prior to running this conversion.
004282	FX004282 FX004282CL FX004282DF FX004282P1	This conversion converts AMA Call Collection Error Detail file (CCCERR00) to the DMS Call Collection Error Detail file (CDDMER00) format.

Client Software

This refers to the Java related objects for the

- AVI
- Customer Hierarchy, and
- MSPPP Package Builder.

This Pak contains the MSPPP Package Builder objects only. They are in savefiles

- CINT010551   for Windows NT environment
- CI98010551   for Windows 98 environment.

For each 'Client' application, the objects delivered are a complete refresh of the related software. Details on how to install them can be found in the '*ICMS PTF Application Guide*'.

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
Customer Care and Billing Development and Support Centre
Telecommunications and Media

Appendix - PTF Pak Savefile Contents

CINT010551 – Client Objects for Windows NT

AS/400 Folder Path	Object	Object	Object	Object
ICMS/C010551.NT/PKGBULD	DATA1.CAB	IKERNEL.EX_	SETUP.BMP	SETUP.INI
	DATA1.HDR	LAYOUT.BIN	SETUP.EXE	SETUP.INX
	DATA2.CAB	README.DOC		

CI98010551 – Client Objects for Windows 98

AS/400 Folder Path	Object	Object	Object	Object
ICMS/C010551.98/PKGBULD	DATA1.CAB	IKERNEL.EX_	SETUP.BMP	SETUP.INI
	DATA1.HDR	LAYOUT.BIN	SETUP.EXE	SETUP.INX
	DATA2.CAB	README.DOC		

FI51010551 – Message File Changes

*MSGF	ICMSMSGF			

GI51010551 – Changed GUI Objects

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

*DSPF	AR5020DF	BL5054DF	DB0718FM	HW4060DF	PL0365FM
	BL0037DF	CC0040DF	DB1021DF	LN1204DF	PL0375FM
	BL0376DF	CL1654DF	DB3180FM	MS1202DF	PL0902DF
	BL2351DF	CL1782ADF	FM3600DF	MS1203DF	SV0120DF
	BL3011DF	CP0291DF	HE1200DF	PG0011DF	SV0572DF
	BL3065FM	DB0318FM	HV5211DF	PK0200DF	SV0800FM
	BL3340DF	DB0511FM	HW0070DF	PL0113FM	SY0130DF
	BL5007FM	DB0712FM	HW0120DF	PL0208FM	

The savefile itself contains the contents of the AS/400 folder **ICMSPTF/G010551** as listed below

*FLR	G010551			
*DOC	(1).AWW	(35).AWW	(86).AWW	G401809.IMP
	(10).AWW	(36).AWW	(89).AWW	G401810.IMP
	(101).AWW	(37).AWW	(91).AWW	G401813.IMP
	(104).AWW	(39).AWW	(92).AWW	G401814.IMP
	(105).AWW	(40).AWW	(93).AWW	G401823.IMP
	(107).AWW	(42).AWW	(94).AWW	G401841.IMP
	(108).AWW	(44).AWW	(96).AWW	G401842.IMP
	(11).AWW	(46).AWW	(98).AWW	G401897.IMP
	(116).AWW	(47).AWW	(99).AWW	G401936.IMP
	(119).AWW	(48).AWW	G010551.ALB	G401937.IMP

(120).AWW	(5).AWW	G010551.AWA	G401938.IMP
(122).AWW	(50).AWW	G010551.AWE	G401943.IMP
(126).AWW	(52).AWW	G010551.AWI	G401944.IMP
(13).AWW	(53).AWW	G010551.AWP	G401946.IMP
(130).AWW	(54).AWW	G010551.AWR	G401951.IMP
(138).AWW	(66).AWW	G010551.SID	G401953.IMP
(140).AWW	(67).AWW	G400886.IMP	G401959.IMP
(142).AWW	(71).AWW	G401141.IMP	G401961.IMP
(15).AWW	(72).AWW	G401583.IMP	G401963.IMP
(17).AWW	(73).AWW	G401620.IMP	G401987.IMP
(19).AWW	(77).AWW	G401641.IMP	G401994.IMP
(21).AWW	(78).AWW	G401643.IMP	G402003.IMP
(25).AWW	(79).AWW	G401649.IMP	ICMS.AWM
(28).AWW	(80).AWW	G401698.IMP	ICMS.AWX
(29).AWW	(81).AWW	G401716.IMP	MERGE.SYN
(3).AWW	(82).AWW	G401719.IMP	POPUP.AWW
(30).AWW	(84).AWW	G401808.IMP	PRODINFO.AWW
(31).AWW			

RI51010551 - 5.1 Field Reference Files

*FILE	ICMSFREFA	ICMSFREFB	ICMSFREFC	ICMSFREFD	ICMSFREF

SI51010551 - Changed Source Code

Type	Object	Object	Object	Object
*BNDDIR	AA2281	CL1765	CL1986	MS2505A
	CC0040	CL1766	CP2720	SR0190B
	CC0040CLE	CL1821CL	CP2720A	SV0150
	CC0040CLU	CL1963	LN0004	SV0160
	CL1750ACL	CL1982	LN5021	XX1060CL
	CL1760ACL			
*FILE	ICMSCL	ICMSCPYLE	ICMSRPG	ICMSSRN
	ICMSCLLE	ICMSPRT	ICMSRPGLE	ICMSSRV

WI51010551 - Changed Objects

Type	Attribute	Object	Object	Object	Object
*SRVPGM	RPGLE	CL1982	CL1986		
*PGM	CLLE	BL2750BJ	CL1612CLU	CL1760ACL	CL1802CL
		CC0040CLE	CL1614CLE	CL1781HBJ	CL1821CL
		CC0040CLU	CL1614CLU	CL1781ZCL	CP0687BJ

Type	Attribute	Object	Object	Object	Object
		CC2001BJ	CL1630BJ	CL1782ZCL	CP0986CL
		CD0675CL	CL1652CLE	CL1783ABJ	CP2846CL
		CD0675CLA	CL1652CLU	CL1783BBJ	SV0150CL
		CL1612CLE	CL1750ACL	CL1801CL	XX1060CL
*PGM	**CLP**	AP0090CL	BL2402CL	BL4610BJ	LN4107CL
		AP0500CL	BL4081BJ	BL6036CL	PL3231CL
		BL2012CL	BL4098CL	BR0010BJ	PR2002BJ
		BL2012CLB	BL4218BJ	CE0344CL	SV4510CL
		BL2120BJ	BL4600BJ	CL6320CLC	
*PGM	**RPG**	AA2140	BL4600A	CL2510	PL0555
		AA2160	BL4606A	CL2511	PL0820
		AA2180	BL4610B	CL5020	PL0900
		AA2200	BL4612A	CL6320	PL1500A
		AA2210	BL5022	CP0202	PL1861A
		AA2220	BL5038	CP0571	PL1869A
		AA2260	BL9260	CP4068	PL2233A
		AA3104	BR0600	CT8100R	PL2234
		AR5038	CC0230	DB1276	PL2234A
		AR5211	CC0241	DD0061	PL2434
		BL0105	CC1100	DD0071	PL3101
		BL0332	CC1110	DD0500	PL4090
		BL0352	CC1111	DD2010	PL5080
		BL1800	CC1112	DD3011	PL5090
		BL2007	CC1200	DD3031	PL5201
		BL2007A	CC1300	DL0500	PR2580
		BL2012	CD0630	DL2502	PR3002
		BL2012A	CD0670	DM2010	PR5010
		BL2044A	CD0681	FL2010	PR5014
		BL2045	CD0720	FM5120	PR5100
		BL2047	CD0721	FM5141	RA0222R
		BL2093	CD0722	GD0110	SF0010
		BL2220A	CD0723	HF5045	SR0057
		BL2401R	CD0724	HS2501	SR0180
		BL2402R	CD0725	HS2502	SV0000A
		BL2853	CD0740	HS2503	SV0010
		BL3000	CE0030	HS2507	SV0010B
		BL3013	CE0200	HS2508	SV0012
		BL3065	CE0230	HS5002	SV0030

Type	Attribute	Object	Object	Object	Object
		BL3101	CE0344	HS5003	SV0220
		BL3102	CE1020	HS5005	SV0223B
		BL3323	CE1030	HS5021	SV0310A
		BL3324R2	CE4104	HS5062	SV0572
		BL3325	CE5110	HS5507	SV0579
		BL3326	CE9000	HW0092	SV0588
		BL3327	CL0011	LE8900	SV0601A
		BL3328	CL0202	LN5014	SV0601E
		BL3800	CL0500	LN5022	SV0810A
		BL4002	CL0571	LN8040	SV1930
		BL4021	CL1225	MS0500	SV1932
		BL4023	CL1500	MS0502	SV1933
		BL4036	CL1510	MS0550	SV1939
		BL4036A	CL1511	MS1011	SV2501
		BL4070	CL1512	MS2505	SV2502
		BL4070B	CL1513	MS2507	SV2507
		BL4076	CL1514	MS5500	SV2508
		BL4080	CL1515	MS5501	SV2540
		BL4082B	CL1516	MS5502	SV2540G
		BL4083	CL1530	PG0011	SV4090
		BL4084	CL2501	PG2001	SV4200
		BL4094	CL2502	PL0110	TDAS42R
		BL4098	CL2503	PL0112	TX0301
		BL4115	CL2504	PL0113	WF2500A
		BL4120	CL2506	PL0115	XX0210
		BL4180	CL2507	PL0200	XX4901
		BL4260	CL2508	PL0232	XX5012
		BL4260B			
*PGM	RPGLE	AA2281	CC3003	CP2705	PL0217
		BL0031	CC3004	CP2720	PL0902
		BL2013B	CL1632	CP2720A	PL0930
		BL2750	CL1643	CP2724	PT0100
		BL3010	CL1650	CP2805	SR0011
		BL4100	CL1658	CP2852	SR0011A
		BL4107C	CL1662	CP4016	SR0190B
		BL5050	CL1765	CR2000	SV0001
		CC0040	CL1766	CR2010	SV0120
		CC0400	CL1882	I_CHGUSGGI	SV0125
		CC0401	CL1883	I_CRTBEUSG	SV0150

Type	Attribute	Object	Object	Object	Object
		CC0405	CL1962	IM6090	SV0160
		CC0406	CL1963	LN0004	SV2525
		CC2090	CL2512	LN0011A	SV2526
		CC2095	CP0163	LN5021	SV3500
		CC3001	CP0164	MS0503	SV3520
		CC3002	CP0985	MS2505A	
*MODULE	CLLE	BL2750BJ	CC2001BJ	CL1802CL	SV0150CL
		CC0040CLE	CL1750ACL	CP0687BJ	XX1060CL
		CC0040CLU	CL1801CL	CP2846CL	
*MODULE	RPGLE	AA2281	CL1674	CL190014	CP4016
		BL0031	CL1750	CL190043	CR2011
		BL2013B	CL1750C	CL190044	CR2040
		BL2750	CL1750E	CL190051	IM6090
		BL3010	CL1750F	CL190052	LN0004
		BL4100	CL1760	CL190055	LN0011A
		BL4107C	CL1760B	CL191012	LN5021
		BL5052	CL1760C	CL191015	MS0503
		BL5054	CL1764	CL191016	MS2505A
		CC0040	CL1765	CL191017	P_GETUSG
		CC0400	CL1766	CL1923	P_VLDUSGGI
		CC0401	CL1766B	CL1929	PL0217
		CC0405	CL1768A	CL1930	PL0902
		CC0406	CL1781A	CL1931	PL0930
		CC2090	CL1781B	CL1932	PT0100
		CC2095	CL1781C	CL1962	SR0011
		CC3001	CL1782A	CL1963	SR0011A
		CC3002	CL1782B	CL1968	SR0190B
		CC3003	CL1782C	CL2512	SV0001
		CC3004	CL1784A	CP0163	SV0120
		CD0675	CL1784B	CP0164	SV0125
		CL1630	CL1784C	CP0985	SV0150
		CL1632	CL1812	CP0986	SV0151
		CL1643	CL1882	CP2720	SV0152
		CL1650	CL1883	CP2720A	SV0160
		CL1653	CL1884	CP2724	SV2525
		CL1654	CL1885	CP2724A	SV2526
		CL1658	CL190005	CP2724B	SV3500
		CL1662	CL190008	CP2810	SV3520

Type	Attribute	Object	Object	Object	Object
		CL1665	CL190009	CP2852	
*FILE	**DSPF**	BL3065FM	CL1654DF	CP0985DF	PL0902DF
		BL3102FM	CL1781ADF	CP0986DF	SV0120DF
		BL5054DF	CL1781BDF	DD0071DF	SV0150DF
		CC0040DF	CL1782ADF	PG0011DF	SV0160DF
		CL1653DF	CL1782BDF	PL0555FM	SV3500DF
*FILE	**PF**	ICMSDDS			
*FILE	**PRTF**	BL2402RP	BL4084P2	CE0340P1	DD3031P1
		BL2853P	BL4115P1	CL1750FP1	PAYDTL
		BL3000P1	BL4180P1	CL1750P1	SF0010P1
		BL3313P1	BR0022P1	CL1784AP1	SF0010P2
		BL4023P1	BR0500P1	CL1784CP1	SV1930P1
		BL4034P1	CD0670P1	CP4068P1	SV1930P2
		BL4083P1	CD0720P1	DB1276P1	SV1939P1
		BL4083P2	CD0721P1	DD3011P	SV4090P
		BL4084P1	CD0740P1		

XI51010551 - Source for File Conversion Objects

Type	Object	Object	Object	Object
*BNDDIR	CV8840	FX004307CL	FX401524BJ	FX401690
	CV889011X	FX401391	FX401524CL	FX401690CL
	FX004282	FX401391CL	FX401579	FX401741CL
	FX004282CL	FX401524	FX401579CL	FX401794
	FX004307			
*FILE	ICMSCL	ICMSPRT	ICMSRPGLE	ICMSSRN
	ICMSCLLE	ICMSRPG		

ZI51010551 - File Conversion Objects

Type	Attribute	Object	Object	Object	Object
*PGM	**CLLE**	FX004282CL	FX401524BJ	FX401579CL	FX401741CL
		FX004307CL	FX401524CL	FX401690CL	FX401979CL
		FX401391CL			
*PGM	**CLP**	CV7001BJ	CV7020CL	CV7302ACL	CV8840BJ
		CV7001CL	CV7021CL	CV7302CL	CV889011BJ
		CV7010CL	CV7100CL	CV7303CL	FX401794CL

Type	Attribute	Object	Object	Object	Object
		CV7012CL	CV7110CL	CV7304CL	FX428301CL
		CV7013CL	CV7210CLE	CV7305CL	FX428302CL
		CV7014CL	CV7210CLU	CV8811BJ	SYSNM
		CV7015CL	CV7300CL		
*PGM	RPG	CV7100	CV7210	CV7211	CV8810
		CV7110			
*PGM	RPGLE	CV8840	FX004307	FX401579	FX401794
		CV889011X	FX401391	FX401690	FX401979
		FX004282	FX401524		
*MODULE	CLLE	FX004282CL	FX401524BJ	FX401579CL	FX401741CL
		FX004307CL	FX401524CL	FX401690CL	FX401979CL
		FX401391CL			
*MODULE	RPGLE	CV8840	FX004307	FX401579	FX401794
		CV889011X	FX401391	FX401690	FX401979
		FX004282	FX401524	FX401741	
*FILE	DSPF	CV7001DF	FX004282DF	FX401524DF	FX401741DF
		CV7210DF	FX004307DF	FX401579DF	FX401794DF
		CV7211DF	FX401391DF	FX401690DF	FX401979DF
*FILE	LF	CVICTL01	CVICTL02	CVICTL03	CVICTL04
*FILE	PF	CVICTL00	CVXXXXW1	CVXXXXW3	CVXXXXW5
		CVIMSG00	CVXXXXW2	CVXXXXW4	
*FILE	PRTF	FX004282P1	FX401524P	FX401690P	FX401794P1
		FX004307P1	FX401579P1	FX401741P1	FX401979P
		FX401391P			
*DTAARA		CVFLAGS	CVRLSID		