



Licensed Program Specifications

IBM Check Processing Control System Program Number 5734-F11

The Check Processing Control System (CPCS) performs entry, proof, distribution, and balancing functions in a check processing environment. It controls the 3890 Document Processor and the 3890/XP Series (3890/XP, 3891/XP, and 3892/XP) document processors and creates a database of all passes from initial capture to disposition.

New and enhanced functions in Version 1 Release 11 are in the following areas:

- Automatic restart
 - Restarts interrupted item-capture operations
 - Maintains a restart buffer where CPCS stores a copy of the records that it sends to the host
 - Gets any records contained in the restart buffer after a host or link failure
 - Replaces intermediate buffer records that are lost when a failure occurs
 - Blocked BDAM
 - Uses disk storage space more efficiently
 - Improves processing time, especially during startup, when initialization and compression of files occur
 - Data-set duplexing
 - Maintains the integrity of all data sets
 - Duplexes all data sets that are critical to its operation if a disk failure occurs
 - Enhanced logging
 - Recovers the tracer data set
 - Automates tracking (history) of mass-data-set strings and logging data sets
 - Eliminates dedicated tape drives
 - Automates full mass-data-set recovery
 - Recovers multiple strings with one pass of the logging data set
 - Recovers selective strings and strings with different mass-data-set definitions
 - Enhanced reject processing
 - Provides system-reject pockets
 - Provides user-defined reject pockets
- Expanded document processor read record
 - Contains as many as 256 bytes
 - Supports 15 logical fields, 14 of which are available to you
 - Full-document image capture with the IBM* 3897 Image Capture System added to your 3890/XP Document Processor

Note: 3897 Image Capture System support is currently available only for the 3890/XP Document Processor. The 3891/XP and the 3892/XP document processors are not supported by ImagePlus* High Performance Transaction System Application Library Services Release 1.

- Power encoding
 - Encodes up to 500 documents a minute
 - Supports the IBM 3892/XP Power Encoder feature on the 3892/XP Document Processor
 - Encodes the amount data on your checks and the entire MICR code line for MICR rejects

Specified Operating Environment

“Year 2000 Readiness”

| This IBM program when used in accordance with
| its associated documentation, is capable of cor-
| rectly processing, providing and/or receiving date
| data within and between the twentieth and twenty-
| first centuries, provided that all products (for
| example, hardware, software, and firmware) used
| with this IBM Program properly exchange accurate
| date data with it.

* Trademark of IBM

Machine Requirements

CPCS requires, as a minimum, a System/370^{*} 4331 Processor with 8 megabytes of main storage. In addition to the requirements for MVS, the following features and hardware devices are necessary:

- Two disk-storage devices
- One display terminal
- One of the following document processors:
 - A 3890 with the item-numbering feature and endorsing feature
 - A 3890/XP with the programmable item-numbering and endorsing features
 - A 3892/XP with the programmable item-numbering and endorsing features

Programming Requirements

You need the following IBM programs (and release levels) to use CPCS:

- IBM Multiple Virtual Storage/System Product (MVS/SP^{*}) JES2 licensed program (Program No. 5685-001) Version 4 Release 3
- IBM Data Facility Storage Management Subsystem (MVS/DFSMS^{*}) licensed program (Program No. 5695-DF1), Version 1 Release 2
- High Level Assembler/MVS & VM & VSE, Release 1 (Program No. 5696-234)
- IBM SAA^{*} AD/Cycle^{*} COBOL/370^{*} licensed program (Program No. 5688-197) Release 1 and IBM SAA AD/Cycle Language Environment/370 licensed program (Program No. 5688-198) Release 1.3
- IBM DFSORT licensed program (Program No. 5740-SM) Release 11 or an equivalent product
- IBM System Modification Program Extended (SMP/E) licensed program (Program No. 5668-949) or an equivalent product
- IBM 3890/XP MVS Support Program licensed program (Program No. 5685-037) Release 2
- IBM Advanced Communications Function for the Virtual Telecommunications Access Method (ACF/VTAM^{*}) licensed program (Program No. 5685-085) Version 3 Release 3

For transaction and resource security, you need:

- IBM Resource Access Control Facility (RACF^{*}) licensed program (Program No. 5740-XXH) Release 9.2 or an equivalent product

For image-capture functions, you need:

- IBM ImagePlus^{*} High Performance Transaction System Application Library Services (ALS) (Program No. 5706-288) Release 1
- IBM ACF/VTAM^{*} licensed program (Program No. 5685-085) Version 3 Release 3
- MVS/Enterprise Systems Architecture (MVS/ESA^{*}) environment

Compatibility

CPCS Release 11 is upward compatible with Release 10. You must reassemble or recompile user-written CPCS application programs (including SCI programs) to ensure that new DSECTS and copybooks are used. You should also evaluate sort-pattern definition records for new Release 11 records.

Licensed Program Materials Availability

Restricted Materials: No. This licensed program is available without source-licensed materials for some modules. These modules are available in object code. The remaining modules are available with source-licensed program materials.

Supplemental Terms

Designated Machine Identification

Designated Machine Identification Required: Yes

Testing Period

Two months.

Installation/Location License

Yes. Installation License applies.

Usage Restriction

Yes. Usage features must be acquired to a quantity level equal to the number of document processors for which CPCS processes code-line data. When counting document processors, all document processors (IBM and non-IBM) that cause the writing of an I-string or an M-string (without an associated I-string) to the CPCS Mass Data Set should be counted.

^{*} Trademark of IBM

Type/Duration of Program Services

Central Service, including a support center, will be available until discontinued by IBM upon six-months written notice. This program is supported by the IBM Document Processing Support Center, Charlotte, N.C. Access to this support center is provided through the IBM Support Center.

Softcopy Publications

The program that IBM licenses may include licensed publications in displayable or source form. Except as provided in this section, the terms and conditions of the license agreement with IBM apply to these publications and to any copies that are made from them.

The licensed publications may be used in displayable or source form on all machines designated for this program. The licensed publications may also be copied and used on other machines in support of authorized use of this program.

To support authorized use of the Program, printed copies of the displayable or source material may be made provided you reproduce the copyright notice and any other legend of ownership on each copy or partial copy.

Warranty

This program is warranted as specified in the IBM license, provided it is used in the Specified Operations Environment.

Licensed Program Specifications may be updated from time to time and such updates may constitute a change in specifications.

Following the discontinuance of all program services, this program will be provided "As Is" as specified in the IBM license.



References in this publication to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM product, program, or service is not intended to state or imply that only IBM's product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any of IBM's intellectual property rights may be used instead of the IBM product, program, or service.

Any other documentation with respect to this licensed program, including any documentation referenced herein, is provided for reference purposes only and does not extend or modify these specifications.

©Copyright IBM Corp. 1992, 1997. All rights reserved

Printed in U.S.A.

GH20-4343-07

