

# Programming Announcement



Information Systems Group  
National Accounts Division  
National Marketing Division

November 18, 1982

## Enhancements to certain IBM 6580 Displaywriter licensed programs announced

The following enhancements are announced for certain Displaywriter licensed programs:

- The Binary Synchronous Communications program (5608-SR2) has been enhanced to allow sending and receiving of revisable form (L3DCA) documents between Displaywriters and appropriately programmed IBM host computer systems.
  - The Displaywriter UCSD p-System\* Runtime and Development Systems (5608-MS1 and 5608-MS2) are enhanced to support Displaywriter work stations performing either data processing tasks or word processing tasks in a printer-sharing environment.
- \* UCSD p-System is a trademark of the Regents of the University of California.

### Highlights

#### *Binary Synchronous Communications program (5608-SR2) enhancement*

The sending and receiving of revisable form (L3DCA) data streams between Displaywriter and appropriately programmed IBM host computer systems will be possible with the enhanced Displaywriter Binary Synchronous Communications program. The new revisable form data stream consists of text and detailed text control information. (Document profiles are also included in the transmission.) Revisable form documents can be revised and repaginated.

This revisable form data stream is an addition to the following binary synchronous data streams that are presently available:

- Card image - For communicating 80-column card image with appropriately programmed IBM host computers.
- Page image with format line or OCL - For communicating with the IBM 6670, OS/6 products, and IBM Magnetic Card Units.

- Page image text only - For communicating non-revisable documents with appropriately programmed IBM host computers.
- Media image - For communication between IBM Displaywriters only.

When a revisable form document is received at the Displaywriter, the formatting controls are checked for errors. If errors are found, error messages are included in the session summary information. The message will indicate the type of error, location within the document, and severity of the error. If the level of severity is high enough, the Displaywriter will cancel the job; otherwise, the document will be stored and the error messages issued. Revisable form data stream support applies only to text documents and not to files created using Reportpack.

The revisable form data stream can be communicated using the Displaywriter 2770/3780 support and the following Remote Job Entry subsystems: JES II, JES III, RSCS, POWER/VS, and RES.

User documentation will be provided to allow applications to be written at an IBM host to create and send a revisable form data stream or to interpret the data stream on receipt. The documentation includes Document Content Architecture, Revisable Form Text, Level 3 (L3DCA) (SC23-0758, planned availability February 28, 1983), updates to the Binary Synchronous Operations Guide (S544-2027), and updates to the Host Attached Program Guide (G544-2039).

#### *UCSD p-System Runtime System (5608-MS1) and Development System (5608-MS2) program enhancement*

With this enhancement to both the UCSD p-System Runtime System and the UCSD p-System Development System, up to three Displaywriter work stations may share an IBM 5218 or 5228 Printwheel Printer. The individual work stations may be running either text or data processing tasks. The work stations running data processing tasks must explicitly request and release the

*This announcement is provided for your information only. IBM's products can only be ordered under the terms and conditions of IBM's applicable agreements. For more information, contact your IBM representative.*

printer. The printer-sharing feature #7997 is a prerequisite for any IBM Displaywriter system with a shared printwheel printer. A minimum of 192K bytes of memory is also required in each work station sharing the printwheel printer.

**Planned availability:** The enhancements to the Binary Synchronous Communications and data processing licensed programs are planned to be distributed via program updates to the respective currently-installed customers at availability. Initial program shipments to new customers after the availability date will include these enhancements.

- L3DCA enhancement for Binary Synchronous Communications: April 1983
- Printer-sharing support for the UCSD p-System: June 1983

**Planning information:** The customer is responsible for the installation and use of Displaywriter licensed programs, as well as for certain problem determination activities.

#### Specified operating environment

**Hardware requirements:** The Binary Synchronous Communications program is designed to operate with IBM 6580 Display Station models with 256K bytes of memory or greater, an IBM 6360 Diskette Unit, a communication adapter (feature 3704, 3705, or 3707), and optionally, an IBM 5218 or 5228 Printwheel Printer or the IBM 5215 Selectric® Printer.

The UCSD p-System Runtime and Development Systems are designed to operate with IBM 6580 Display Station models with 128K memory or greater, an IBM 6360 Dual Diskette Unit, and IBM 5215, 5218, and 5228 Printers.

Use of the printer-sharing enhancement requires at least 192K memory in each work station, at least one printer-sharing prerequisite card, an IBM 6360 Dual Diskette Unit, and an IBM 5218 or 5228 Printwheel Printer. The IBM 5215 Printer is not supported by printer sharing.

**Software requirements:** The Binary Synchronous Communications licensed program is designed to operate with Textpack 2, Textpack 4, or Textpack 6.

**Note:** The enhanced version of the Binary Synchronous Communications program will not operate with Textpack 3 (5608-TR3) which was withdrawn from marketing by IBM on June 18, 1982.

No other program is required as a prerequisite for using either the UCSD p-System Runtime System or the UCSD p-System Development System.

**Charges:** The current charges for these licensed programs are:

	Annual Charges	One-time Charge
Binary Synchronous Communications (5608-SR2)	\$120*	\$350
UCSD p-System Runtime System (5608-MS1)	N/A	375
UCSD p-System Development System (5608-MS2)	N/A	950

\* Effective January 1, 1983, annual charge will be \$130. See Marketing Announcement dated September 9, 1982 for further details.

**Security, auditability, and control:** User management is responsible for evaluating, selecting, applying, and implementing security and auditability features and for the appropriate administrative and application controls.

#### Terms and conditions

##### Binary Synchronous Communications programs

**Warranted:** Yes.

**Testing period:** Five days.

**Program services:** Central service will be available via the IBM Office System Customer Assistance Center (OSCAC) until discontinued by IBM upon six months' written notice. The OSCAC support is available during normal business hours (8:00 a.m. EDT through 5:00 p.m. PDT).

**Location or installation license applies:** No.

**Volume procurement:** Licensed Program Group II. Discount based upon quantity committed in Licensed Program Group I (Textpack programs).

##### Data processing programs

**Warranted:** No.

**Testing period:** One month.

**Program services:** Central service is available until December 1, 1984, through SofTech Microsystems, Inc., San Diego, California. There is no charge for telephone service for up to 90 days following installation.

**Location or installation license applies:** No.

**Volume procurement:** Available for UCSD p-System Runtime System (5608-MS1) only. Licensed Program Group III.