

***MAJOR***

***MILESTONES***



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Oct. 1, 1967 - Feb. 26, 1988

CFJ and BRK, Eds.

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**\*\*\* MAJOR MILESTONES AT THE COMPUTATION CENTER \*\*\***  
 (Gleaned from the Computation Center Bulletin)

**1967**

- Oct. 1    Submission of Runs for System 360 Model 67
- Oct. 23    Attention 7074 Users--Convert Now
- Nov. 30    System/360 Enlarged

**1968**

- Jan. 2    PSU Remote Job Entry System to be Available
- Jan. 4    PSU RJE System - 2741 Terminals Available
- Jan. 5    Old Main Branch Station to Open
- Mar. 27    Course Preparation Accounts Created
- Mar. 29    Termination of 7074 Production at 5:00 p.m. Today
- May 16    Replacement of 2311 Disks by 2314 Disks
- Jul. 8    IBM 2250 Graphics Availability
- Nov. 29    Schedule of New Equipment (4 mod 20's, 4 2780's, 20 Datels, etc.)

**1969**

- Jan. 7    Student Computer Laboratories Opened (Boucke & Hammond)
- Feb. 3    Third Student Laboratory Opens (210 Computer Bldg.)
- Mar. 13    Polaroid Camera Available for Use With 2250 Display
- Jul. 1    Computer Throughput (Center processed 106,976 jobs during May)
- Sep. 9    New Operation System (MVT)
- Dec. 15    New HASP (Ability to handle mod 20 remote terminals that can read and print simultaneously)

**1970**

- Jan. 2    Increased Capacity at Old Main Branch Station
- Jan. 6    Remote Terminal Service (Installed at King of Prussia)
- Mar. 21    New Computer Graphics Capability (Adage AGT/30)
- Mar. 31    Use of Paper Tapes on System/360 Model 67
- Aug. 28    Computation Center Addition (low bids totaled \$1,422,622)
- Oct. 2    One Million Jobs Processed
- Nov. 15    System/360 Model 50 Installed

**1971**

- Jan. 29    Student Use of Computation Center Expanded
- Feb. 8    Alternate Paper Tape Service
- Feb. 8    APL is Coming
- Oct. 15    New HASP/RJE File Feature: /\*INCLUDE Facility
- Dec. 13    New HASP/RJE File Feature: the BAT File System

**1972**

- Apr. 3 System 360 Model 67 - AGT-30 Interface (RASP)
- Jul. 10 System 360 Model 67 Engineering Change (2-channel Switch)
- Sep. 30 New Magnetic Tape Unit Installation Plan (3420's)
- Nov. 3 New Communications Controller (3705)
- Nov. 24 Dispatch Area to be Moved

**1973**

- Jan. 2 IBM System/370 Model 165 Computer System Installed
- Jan. 17 Self Service Terminal at Old Main
- Mar. 29 System 360 Model 50 to be Discontinued
- Jul. 6 Correspondence Terminal Available (2741)
- Oct. 2 Anderson Jacobson Terminals Installed (AJ630's)
- Nov. 26 Remote Terminal Service - Current List
- Dec. 4 Academic Systems Programmers Needed for MVS Conversion

**1974**

- Jan. 2 A Few Characteristics of the New IBM System/370 Model 168
- Feb. 18 Old Main Branch Station to Move to Willard Building
- May 16 New Policy for Student Job Tickets
- Sep. 9 Computation Center Services - Current List
- Oct. 31 Magnetic Tapes Require Automatic Loading Cartridges
- Dec. 15 New Communications Package for APL & RJE (COMM-PRO)
- Dec. 17 Williamsport College Uses PSU Computer (Remote 2780)

**1975**

- Feb. 24 RJE Bounce Facility Initiated
- Jul. 11 Batch Plotting Service Available
- Aug. 5 Tabulating System Discontinued
- Oct. 20 1200 Bits/Second Transmission Supported in RJE & APL
- Nov. 17 Terminals with Daisy Wheel Printers on Order (GenCom)

**1976**

- Apr. 7 Organizational Changes in Systems Programming

**1977**

- Mar. 22 Computer Building Dispatch Area Changes
- Jun. 16 Addition to IBM System/370 Model 168 Main Storage

**1978**

- Mar. 6 New Terminals on Order (Agile)
- Jul. 27 Schedule Disruption for Model Upgrade (3033)
- Aug. 31 IBM 3033 Processor Installed
- Nov. 15 MVS Conversion Effort Overview

**1979**

- Apr. 26 MVS Development Progress Report
- Nov. 15 INTERACT/WYLBUR to be Installed

**1980**

- Jan. 11 CRT Terminals Ordered (Telerays)
- May 7 Higher Density Magnetic Tape Units (6250 bpi)
- May 8 Interactive Graphics System to be Installed (E&S)
- May 16 Record High Number of Jobs Processed Yesterday (22,942)
- Jun. 13 MVS Production Starts July 6, 1980
- Oct. 16 Interactive Computer System is Scheduled (VM/CMS on 4341)

**1981**

- Feb. 5 IBM 1401 Computer to be Decommissioned April 1st
- Mar. 5 Main Storage to be Increased From 6 to 8 Megabytes on 3033
- Apr. 10 Additional 1200 Baud Dial-up Ports Added
- Apr. 20 IBM 3033/4341 Network Now Operational
- Jun. 15 Houston Instruments Plotter Available
- Sep. 9 Differential Service is Available
- Oct. 20 IBM Personal Computer on Order
- Oct. 27 Job Status Phones to be Discontinued Oct. 30th
- Dec. 16 IBM 370/158 to be Installed (Paterno Machine)

**1982**

- Apr. 16 IBM 3081 Processor on Order
- Jun. 18 Develcon Dataswitch on Order
- Aug. 17 Rationing of VM/CMS Service to Student Users
- Aug. 18 IBM 2741 (EBCDIC) Terminal Support Discontinued
- Aug. 31 Dataswitch Installed

**1983**

- Mar. 31 Fullscreen VM Support Available (via Series/1)
- Jul. 1 VM/CMS Service and Full Screen Editing to be Expanded (4341 from Management Services)
- Sep. 2 Enhancement to Electronic Mail Commands
- Nov. 15 Administrative Reorganization (C & I S)

**1984**

- Feb. 29 Xerox 2700 Printer Available
- May 24 IBM 4381 Adds VM/CMS Capacity
- May 31 Human Designed Systems Terminal Selected (HDS's)
- Jul. 30 PCNET Instructional Lab Available Fall Semester
- Oct. 15 Node PSUVMA Upgraded to 4381
- Oct. 21 Raster Color Graphics Frame Buffer Available

**1985**

- May 15 Laser Printing to Replace Agile Terminals
- Jul. 3 PSUVM Performance Upgrade Scheduled (HPO)
- Oct. 31 Kurzweil 4000 Intelligent Scanning System Installed

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**1986**

- Jan. 30 Willard Instructional Micro Computer Lab Upgraded
- May 30 Major Upgrade of Batch and Interactive Computing Capacity Planned (3090)
- Jul. 3 Installation of 3090-180 at PSUVM
- Jul. 18 Sun Workstations for Supercomputers
- Aug. 15 Additional Dataswitch Installed
- Aug. 15 2400-baud Dial-up Capability Added
- Sep. 15 Color Terminals Installed for Use on PSUVM (3179G's)
- Oct. 15 VM Pass-Through Now Available
- Dec. 16 New IBM 4245 Printers and UCS Changes
- Dec. 19 New MVS Operating System Scheduled (MVS/XA)

**1987**

- Jan. 15 Keypunches and Tabulating Equipment to be Discontinued
- Feb. 11 Punched Output to be Discontinued
- Apr. 22 Electronic Bulletin Board (EBB) Now Available
- May 11 Renovations to Computer Building Scheduled
- Aug. 18 New IBM 3812 Page Printers Installed
- Sep. 15 Microcomputer Labs at University Park (Pattee & Findlay)
- Nov. 11 VM Host Sessions at Findlay Microcomputer Lab
- Dec. 22 Vector Facility to be Installed

**1988**

- Jan. 15 Public Microcomputer Lab Opened in Boucke
- Feb. 26 Microcomputer Lab to Open in Redifer