

University of Minnesota St. Paul Computing Center Newsletter

* COMMUNICATIONS CHANGES *

There are three ongoing events that affect the way users access SPCC:

1. The installation of the new phone system at the University of Minnesota.
2. Distribution by SPCC of YTERM, a full-screen terminal emulation program for the IBM PC.
3. Installation of the IBM 7171 communications controller at SPCC.

New Phone Numbers

As most of our users already are aware, the University of Minnesota is switching to a new telephone system. All phone numbers for the St. Paul Computing Center were changed on April 19, 1986. Data communication phone changes are scheduled to occur on May 3, 1986. Following is a list of both our old and new telephone numbers.

	<u>Old Phone Number</u>	<u>New Phone Number</u>
Main Office	373-0987	624-7788
Help Line	376-4602	624-6235
Computer Room	376-2827	624-3482
Data Entry	376-9222	624-7297
Micro Lab (St. Paul Library)	376-3910	624-3269
Dial In	376-5820	624-4220 (currently available for testing)

DIAL IN MODEM USERS (THIS DOES NOT INCLUDE ITE DOB1 USERS)

Due to an autobaud problem, recently discovered by the Telecommunications Department, users may experience difficulties in uploading and downloading files on the new phone system. Also, the TPRINT command on YTERM (TPRINT will output a CMS file to a printer attached to a full screen terminal) may not work properly until this problem is resolved.

The Upload/Download IBM PC in 90 Coffey Hall may be used on a first come first serve basis.

Watch for a logon message and a notice in the user room when this problem is corrected.

YTERM Communications Package Now Available from SPCC

SPCC has obtained rights to distribute Yale University's YTERM communications software package. SPCC has evaluated this product and found it to be a highly desirable and user friendly product for full screen terminal emulation and upload/download functions. SPCC strongly encourages all IBM 3101 Emulation Program users to switch to YTERM.

A "Special Notice" was sent 4/14/86 to all SPCC users on the newsletter mailing list regarding distribution of the YTERM communications software package for the IBM PC. This notice included an application form for obtaining the YTERM product. To request additional application forms, please call our Main Office at 624-7788.

SPCC will distribute YTERM, for \$7, to University of Minnesota full time students, staff and faculty with at least a 50% appointment. Those not qualifying above will be required to pay \$27; \$20 of this fee covers Yale royalty charges.

YTERM is a package of system services and terminal emulation software for the IBM Personal Computer family. YTERM will run under versions 2.0 and higher of DOS and is fully compatible with the IBM PC Network. YTERM's functions are:

- * terminal emulation
- * fully error correcting file transfer (uploading/downloading)
- * session logging and attached printer support

In addition, YTERM provides screen, keyboard, and communications tools for programmers that may be used independently of the terminal emulation program.

YTERM is only intended for use on the IBM PC family, although it may also work on some similar computers whose manufacturers profess them to be fully IBM PC compatible.

Installation of the IBM 7171 Controller at SPCC

The installation of the new IBM 7171 communications controller at SPCC will affect the way ALL SPCC dial-in users access the SPCC computer.

Line-at-a-time use on the 7171 is currently not fully supported. SPCC is evaluating possible options for these users.

We have classified the terminals used for dialing in to SPCC into 5 groups:

1. IBM PCs or compatibles, using YTERM (preferred) or the IBM 3101 emulation program.
2. IBM 3101s.
3. VT100s.
4. Other terminal supported by the 7171, including TELEVIDEO 912, 950, LEAR SIEGLER ADM 31, 31A, VISUAL 50, DATAMEDIA 1520, 1521, 3045, and IBM 316X.
5. All other line-at-a-time type terminals including DECwriters. These terminals are not fully supported on the 7171. Look for information in the upcoming June SPCC Newsletter or ask at the Help Desk.

The SPCC staff will be able to provide assistance to users with terminals in the first 3 categories. Documentation describing some of the other terminal types will be available for review in the reference area in Room 90 Coffey Hall.

All the needed documentation for YTERM users is provided in the YTERM packet.

Other users should request the following handouts available for no charge from SPCC describing the changes in access.

<u>Document Number</u>	<u>Document Name</u>
11	Using the IBM 3101 to Connect to the SPCC 4381
12	Using the IBM PC Running the IBM 3101 Emulation Program to Connect to the SPCC 4381
13	Using the VT100 to Connect to the SPCC 4381

Access changes with the 7171 controller include:

- A new dial-in telephone number, 624-4220.
- Available baud rates are now 300, 600, 1200, 2400, 4800, and 9600
- IBM 3101 Emulation Program users will have to create a new specification file, using the YALEIUP.SET sample specification file.

St. Paul Campus Microcomputer Laboratory

Location: B50 St. Paul Library
Phone: 624-3269

Equipment:

13 IBM-PC's 4 Apple IIe's 4 Macintosh PC's

Regular Hours:

8:00 A.M. - 8:00 P.M. Mon. - Thur.
8:00 A.M. - 4:30 P.M. Fri.
12:00 P.M. - 4:30 P.M. Sat.
Closed Sun.

2 Disk Drives	2 Disk Drives	2 Disk Drives
10-256K Memory	128k Memory	512k Memory
3-512K Memory	Appleworks	Basic
Wordstar	MouseWrite	MacPaint
Lotus 1-2-3		MacWrite
dBase III		MacChart
Minitab		Multiplan
Basic		Basic
Word Perfect		MacFile
Turbo Pascal		MacWord
w/8087 sup.		MacPascal
		MacSpell plus

Access cards: \$20.00/Quarter

This card will permit access to 7 microlabs on the Twin Cities Campuses (see below). This will increase availability of hardware/software and some consulting services.

Printer Access Cards: \$1

This card will permit you to print your files on letter quality laser printers at \$.10 per page.

5 Epson FX-80 printers (attached to IBM)
4 Imagewriter printers
1 HP Laserjet (printer - attached to IBM)
1 Color Display station
1 Mouse for Apple IIE

You may obtain access cards from the Bursars' Offices.

At the St. Paul Library Lab, attendants will be present to sign out the software and manuals that are available for use in the lab. Instructors may arrange to have assignment materials distributed via the lab attendants. The lab may be reserved by class instructors for two or three class periods during a Quarter. To reserve the lab, or if you have questions, call Karen Bellows at 624-7788.

A micro computer can be reserved in person, or by calling 624-3269 (2 hour notice required). Coordination of reservations will be handled by the lab attendant. If there is a high demand for the machines, individual sessions may be limited to 2 hours.

Users will be responsible for obtaining their own work diskettes.

MICRO HELP LINE

ACSS Microcomputer Systems Group

376-4276 (dial DR MICRO) 9:00-12:00, 1:30-4:00 Monday, Tuesday, Friday
9:00- 4:00 Wednesday, Thursday

125 Shepherd Labs

ACCESS TO FACILITIES

ST PAUL COMPUTING CENTER

SPCC hours, locations and telephone numbers:

Main Office	: 50 Coffey Hall	624-7788	8:00 am - 4:30 pm
Users Room and	: 90 Coffey Hall		7:00 am - 11:00 pm M-F,
Computer Hours (1)	: 90 Coffey Hall		8:00 am - 4:00 pm Sat, and
	: 90 Coffey Hall		2:30 pm - 10:00 pm Sun
Help Desk	: 90 Coffey Hall	624-6235	10:00 am - 12:00 pm M-F
			1:00 pm - 4:00 pm M-Th
			1:00 pm - 3:00 pm F
Data Entry	: 6 North Hall	624-7297	8:00 am - 4:30 pm
Interactive Dialup Number:		624-4220	

- (1) After hours, Saturday, and Sunday access to the Center may be achieved by using the tunnel passageway from the Student Center.
- (2) The DOS operating system will be shut down at 10:00 pm M-F.

SPCC will be closed Monday, May 26, 1986.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age or veteran status.

St. Paul Computing Center
University of Minnesota
50 Coffey Hall
1420 Eckles Ave.
St. Paul MN, 55108

WALTER LIBRARY
UNIVERSITY ARCHIVES
21 WALTER LIBRARY
MPLS CAMPUS