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# S.T. PAUL CAMPUS COMPUTING NEWSLETTER

November 1973  
Volume 5, Number 3

University of Minnesota

26 North Hall  
St. Paul Campus  
373-0987 - 0990

## COMPUTING CENTER (North Hall)

### 1. ACCESS TO COMPUTING CENTER FACILITIES

The Computing Center wishes to emphasize that it is open for business between 7:00 a.m. and midnight, Monday through Friday. After the outside doors are locked at approximately 6:00 p.m., night operators may be summoned to admit users by a night bell on the door immediately below and beside the steps leading to the Photographic Laboratories in North Hall.

Those wishing to make use of the unit-record equipment (sorters, reproducers, key punch equipment, etc.) or the 1004 Terminal on weekends may do so by checking out a key from the secretary or operations personnel.

### 2. KEY PUNCH EQUIPMENT AVAILABILITY

In peak work periods during the normal working hours, we occasionally experience a key punch availability problem. The key punch equipment that is assigned for supporting the operations of the 1004 Terminal and the 360 Computer occasionally cannot handle all the user needs. During these periods, we suggest that users limit their punching to just a few minutes and relinquish the machine to the next user. It should be mentioned that access to additional key punch equipment in the Key Punch Section (room 6) is available after 5:30 p.m.

### 3. TELEPHONE USAGE

We understand that the Center's two primary telephone lines, 373-0987 and 373-0990, are frequently busy and the University staff is unable to reach personnel in the Center. Being that many of the calls that come in are for personnel in the Key Punch Section, we suggest that calls be made directly to that section by dialing 373-0992. The Computing Center staff has been advised to use lines other than those mentioned above for making outgoing calls.

### 4. APPLICATION PROGRAMMERS AVAILABLE

The Center's application programmers are now in a position to take on additional work. Programming services are offered on both the IBM 360/30 System and the 1004 Terminal. Those wishing to utilize these services may contact Jim Colten or Dave Schempp, 373-0987 or 373-0990.

### 5. TELETYPE TERMINAL INSTALLATION

A Teletype Terminal with a communicative link to the CDC 6400 should be installed within the next few weeks in room 24 North Hall. This Terminal will have access to all of the MERITSS System software and will be made available on an open-shop basis to research related projects.

Researchers wishing to use this facility may do so on a first-come, first-served basis. Although no charges will be made to the departments using this equipment, we do require that all users log in the information requested on the 'Terminal Equipment Utilization Record' provided at the site.

Please direct questions regarding access and the availability of this equipment to Dick Rignell, 373-0990.

## MINNESOTA ANALYSIS AND PLANNING SYSTEM (MAPS)

### 1. FAST I/O

MAPS has been using software that has given a considerable savings of 6600 computer time in reading and writing files. Anyone interested can contact the MAPS office.

### 2. 1970 CENSUS DATA FOR PLACES

MAPS List 1 is available for places. Places are geographic areas defined by the Bureau of the Census as incorporated or unincorporated areas forming sub-units within Minor Civil Divisions. Places may be coterminous with MCD's and/or may be located in two or more MCD's.

### 3. MAPS USERS SEMINAR

The MAPS Users Seminar will be held from 9:00 a.m. to 4:30 p.m. December 4 and 5, 1973 in 401 Coffey Hall. December 5 is optional at users request to make data retrievals and may be scheduled by the user to learn about MAPS and its services in meeting specific needs.

The users seminar is a shortcourse to acquaint both current and potential MAPS clientele with our data base and services. The seminar is led by MAPS staff members David Nelson and Tom Ehlen in an informal atmosphere.

Tuesday: In the morning participants will be acquainted with the general background of MAPS and the 1970 Census. The census data, its organization, and its availability are discussed. Sample output is provided from actual client usage. Participants are encouraged to ask questions of specific interest. The afternoon is used to acquaint participants with MAPS' supporting services. Information systems and data processing are described generally. Qwick Query is introduced as a usable data information and retrieval system. The potential use of Qwick Query is described.

Wednesday: Qwick Query is described in detail. The building of a data file is described. Files are used to exhibit the system, and its statistical, computational, and special features. Custom and standard reports are described and used. Qwick Query as an information retrieval system is learned, and actually used by the participants. The framework of special application programs used by MAPS and the University Computer Center is explained.

The intent of the seminar is to encourage the participant to take full advantage of the services and data that can be provided by MAPS.

days. With a few isolated exceptions, the suite is manned from 8:30 a.m. to 6:00 p.m., Monday through Friday.

Please refer to the previous newsletters for the services and equipment that are available at this site and for operational conventions.

### CLASSROOM OFFICE BUILDING COMPUTING FACILITIES

The Classroom Office Building computing suite (Room 125) will have a consultant on duty from 8:30 to 12:00 on Satur-

### GENERAL INFORMATION OF COMPUTING EQUIPMENT BY LOCATION

Equipment Type	Location	Key Staff Personnel	Hours of Service	Telephone
IBM 360/30 computer	22 North Hall	Dave Schempp (consultant)	7:45 a.m.—4:30 p.m.	373-0987
		Operations staff	7:00 a.m.—Midnight	373-0990
		Key punch supervisors	7:00 a.m.—5:00 p.m.	373-0992
		Account clerk	7:45 a.m.—4:30 p.m.	373-0990
Univac 1004 terminal	24 North Hall	Jim Colten (consultant)	7:45 a.m.—4:30 p.m.	373-0987
		Operations staff	7:00 a.m.—Midnight	373-0990
CDC 200 terminal	415 Coffey Hall	Dave Nelson	7:45 a.m.—9:30 p.m.	376-7003
		Tom Ehlen	7:45 a.m.—9:30 p.m.	376-7003
		Elaine Greenfield (principal secretary)	7:45 a.m.—4:30 p.m. (after hours use by arrangement)	376-7003
Univac 1004 terminal	125G Classroom Office Building	Consultant	8:30 a.m.—5:30 p.m.	376-7087
		K. Hirst		373-1037
		C. Bingham		373-0988
Interactive instructional lab	125E Classroom Office Building	Consultant	8:30 a.m.—5:30 p.m.	373-0829
		K. Hirst		373-1037
		C. Bingham		373-0988
Hewlet-Packard 9100B	125A Classroom Office Building	K. Hirst	By arrangement	373-1037
Univac 1004 terminal	384 Horticulture	J. Heinen	7:45 a.m.—5:00 p.m.*	373-1086
		M. Brenner		373-0949
Univac 1004 terminal	257 Biological Science	Howard Meyer (consultant)	8:30 a.m.—4:30 p.m.	376-3067

\* Key available in room 305

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