MASSACHUSETTS INSTITUTE OF TECHNOLOGY

INFORMATION PROCESSING CENTER

This questionnaire is distributed to users and prospective users of the Center's remote-access facilities to help the Center plan its hardware and software improvements in the coming months.

Name _____

Project identification _____

Address _____ Phone _____

1. Are you now a user of the Center's facilities? _____

    If not, are you currently using some other computing

    facility? _____

2. What systems do you use or plan to use?

    now using _____

    will use soon _____

    plan to use eventually _____

    would like to use if they became available _____

    _____

3. Please check all boxes which describe your project's computer

    use:

        ☐ large information base

        ☐ many terminal users

        ☐ special terminals (graphic, high-speed)

        ☐ heavy computation

        ☐ special response constraints

        ☐ variable access control needs

3. (Continued)

  ☐ shared files

  ☐ detachable media required

  ☐ sophisticated users

  ☐ unsophisticated users

  ☐ long time-scale (greater than one year)

  ☐ distant users

4. What languages or subsystems does your project use now or plan to use?

☐	ADMINS	☐	GPSS
☐	AED	☐	MAD
☐	FORTRAN	☐	SSP
☐	COBOL	☐	OPS
☐	PL/I	☐	TIP
☐	BCPL	☐	DATANAL
☐	SNOBOL	☐	General Inquirer
☐	BASIC	☐	Bon
☐	LISP	☐	FORMAC
☐	ICES	☐	SLIP
☐	DYNAMO		

Others:

5. The following two questions concern the terminals you

    presently use or would use in your research:

    (1) If you presently are a remote-access system user,

        what types of terminals would you use and on what system?

	indicate number hardwired	indicate number on the dial network	indicate number leased	System Used
ASR/ KSR-33	_____	_____	_____	_____
ASR/ KSR-35	_____	_____	_____	_____
ASR/ KSR-37	_____	_____	_____	_____
IBM 1052	_____	_____	_____	_____
IBM 2741	_____	_____	_____	_____

Others: indicate data
                 rate in bits/ sec

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

5. (Continued)

    (2)   If you were to become a remote-access system user today, what types of terminals would you obtain and what system would you use?

	indicate dial network (D) or hardwire (H)	indicate purchase (P) or lease (L)	System
ASR/KSR-33	_____	_____	_____
ASR/KSR-35	_____	_____	_____
ASR/KSR-37	_____	_____	_____
IBM 1052	_____	_____	_____
IBM 2741	_____	_____	_____
Others	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

6. The following five questions concern terminals which will be
used for research activity on M. I. T. Information Processing
Center computers:

(1a) I anticipate that my future research will require the use
of an on-line terminal. ☐ yes ☐ no

(1b) The following are purchase and lease prices for various
types of terminals and associated modems. Please
indicate the number of terminals in each price bracket
and whether you expect to lease or purchase them. Keep
in mind that the higher-priced terminals typically operate
at higher data rates, have a larger character set, and are
more flexible:

Lease Costs	Purchase Price	Number of Terminals	Purchase (P) Lease (L)

LOW SPEED (100-150 bits/ sec., 10-15 characters/ sec., 1/ 3-1/ 2 lines/ sec.)
alphanumeric only

Lease Costs	Purchase Price	Number of Terminals	Purchase (P) Lease (L)
$75/ month	2700	_____	_____
$100/ month	4000	_____	_____
$125/ month	4500	_____	_____
$150/ month	5400	_____	_____

6. (1b) (Continued)

Lease Costs	Purchase Price	Number of Terminals	Purchase (P) Lease (L)
MEDIUM SPEED (1200-10,000 bits/sec., 120-1000 characters/sec., 4-30 lines/sec.)			
*alphanumeric		_____	_____
alphanumeric and graphic *$250/month 10,000		_____	_____

*Exclusive of modems

(2a) My future research will require the use of a remote batch entry terminal. ⬚ yes ⬚ no

(2b) I expect that my project will spend $_____ per month for remote batch entry terminal use.

If you checked statement number one (1) in this section you may skip the remainder of this section.

7. I expect that my research effort will require the indicated number

and type of terminals during the following periods and my project's

budget can afford to pay the stated monthly amount toward their

support. (Use dollar amounts from (1b) if necessary.)

	immediately	1970	1971	$/ month
alphanumeric (300 bits/ sec. 30 characters/ sec. 1 line/ sec.) (and under)	_____	_____	_____	_____
alphanumeric (above) (300 bits/ sec. 30 characters/ sec. 1 line/ sec.)	_____	_____	_____	_____
Storage Tube Graphic Terminals Hardwired	_____	_____	_____	_____
Storage Tube Graphic Terminals for use on the DDD network (300 bits/ sec. 30 characters/ sec. 1 line/ sec.) (and under)	_____	_____	_____	_____
Storage Tube Graphic Terminals for use on the DDD network (above) (300 bits/ sec. 30 characters/ sec. 1 line/ sec.)	_____	_____	_____	_____
A full graphic terminal with real time dynamic interactive capability	_____	_____	_____	_____
I will require hard copy of my graphic output	_____	_____	_____	_____

8. It is anticipated that a connect charge for medium-speed ports
will have to be imposed. Although the exact charge has not been
determined, it is expected that the cost will be such as to amortize
the cost of a port over a period of 40 months. Depending on port
usage and cost, it is expected that the charge will range between
50 cents to $1.50 per connect hour. Please indicate whether or
not your project's budget could afford such a charge or whether
you would prefer to remain/ revert to a low-speed device.

_____

_____

_____

9. The following three questions concern the type, usage, and
characteristics of the systems that you will need in your future
research:

(1) I estimate my research will use the following dollar amount
of computer time on the indicated systems during the
following periods:

MIT Systems		Immediately	1970	1971
360/ 67 CP/ CMS	(IP Center)	_____	____	____
7094 CTSS	(IP Center)	_____	____	____
645 Multics	(IP Center)	_____	____	____
360/ 67 CP/ CMS	(LL)	_____	____	____
TX2	(LL)	_____	____	____

9. (1) (Continued)

MIT Systems	Immediately	1970	1971
Other Systems			
Sigma 7 (Harvard)			

(2)   I estimate that my research effort will require the stated

amount of disk storage.   (Use the units you are most familiar

with.)

		System
_____	bits	_____
_____	32-bit words	_____
_____	36 bit words	_____
_____	bytes	_____
_____	records	_____
_____	characters	_____
_____		_____

(3)   Explain to what degree you would require privacy and/ or

the capability to link to other users' files or attach to other

users' directories.   _____

_____