HARVARD MEETING

As previously announced, the next meeting in the Eastern United States will be at the Harvard University Science Center starting at 2:00 PM on Friday October 1 and ending early in the afternoon of Sunday October 3.

The program committee members are Tucker Taft (617-495-3353), Lou Katz (212-694-3501) and Lew Law (617-495-2627).

For people flying to Boston, the quickest route to Harvard Square is to take the airport bus to the airport subway station, take a Blue Line train to Government Center, change to a Green Line to Park Street, then change to a Red Line to Harvard Square. This takes 20 to 30 minutes. The alternative is to take a cab at a cost of about $7.00.

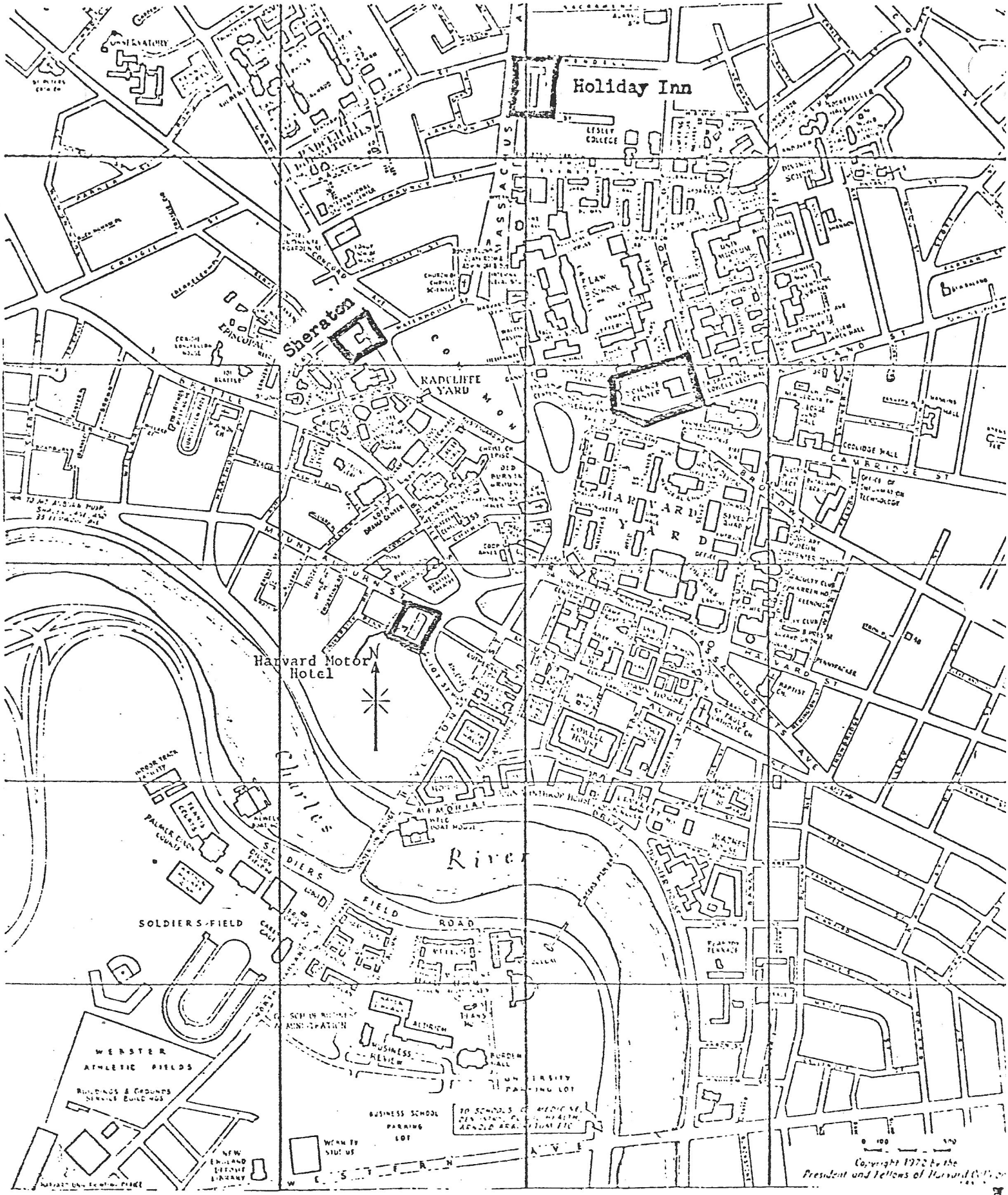
Accommodations: Sheraton Commander Hotel, 16 Garden Street
617-547-4800
Holiday Inn, 1651 Mass. Avenue
617-491-1000
Harvard Motor Hotel, 110 Mt. Auburn St.
617-864-5200

All are within walking distance of the Science Center. A map of the area is on the flip side.

UNIX NEWS

The September issue will appear after the Harvard meeting and will contain the membership list and Hotline information. The closing date for receipt of corrections to the mailing list is October 5, 1976.

To date we have received checks from 3/4 of the installations.


Holiday Inn
Sheraton
Harvard Motor Hotel
RADCLIFFE YARD
HARVARD YARD
Charles River
SOLDIERS FIELD
FIELD ROAD
WEBSTER ATHLETIC FIELDS
MASSACHUSETTS AVENUE
CAMBRIDGE ST
MEMORIAL DRIVE
WESTERN AVE
LESLEY COLLEGE
EPISCOPAL
BUSINESS SCHOOL PARKING LOT
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האוניברסיטה העברית בירושלים

THE HEBREW UNIVERSITY OF JERUSALEM

COMPUTER SCIENCE LABORATORY
INSTITUTE OF MATHEMATICS

August 17, 1976

Professor M. Ferentz
Physics Department
Brooklyn College of CUNY
Brooklyn, New York 11210
U.S.A.

Dear Professor Ferentz:

After a long wait we finally have a working version of Unix. That is, for almost four months now we have been working under Unix, but single user and being extremly careful, because of our little BUG, which was described in our June 14th letter. But since vesterday, when an 8k bank of memory stopped working, and was taken out for repair, with it also went our timing bug. It will be quite interesting to see what happens when the bank is again operational. At least our Dec man now knows that it was a hardware problem all along and Unix is as good as its fame.

Our lab has:

1	PDP 11/45 with no floating point
48k	memory (8k MOS + 40 core)
1	RK05 (+ one on its way)
3	DL11
1	DU11
1	VT11
1	VARIAN electrostatic printer/plotter
3	CDC 714 terminal

We also have a NOVA 800 with 16k, which among its peripherals there is a Diablo Hytipe.

We have so far developed software for file transfer to the NOVA and the CDC Ciber (this one belonging to the Computer Center) which work on an asynchronous interface (DL11), but are working hard to connect the CDC through a synchronous interface (DU11). Noel Kropf is responsible for the driver of the VT11 and most debugging of the system, and since he has left for more fertile grounds, (i.e Columbia Univ.), we've lost a great help.

Our main fields will be graphics, communications and compilers so anybody willing to share information on these is welcomed.

Finally I want to thank David Barach at Yale Univ. for making us feel that we weren't alone in our struggle.

Sincerely

Daniel Branise

Malcolm Blanchard
Computer Graphics Lab
New York Institute of Technology
P.O. Box 170
Old Westbury, New York 11568

24 August 1976

Prof. Melvin Ferentz
Physics Department
Brooklyn College of CUNY
Brooklyn, New York 11210

Dear Mel;

I have discovered that ichack with the -s switch does not work for devices with more than 32768 blocks. The problem is in ichack's subroutine makefree. It was treating the number of blocks as a signed number. The following is a fixed version of makefree. Be aware that the printer that produced this listing prints an underbar as '+'.

```
makefree()
{
        register char *i;
        register j;

        sblock.s+nfree = 0;
        sblock.s+ninode = 0;
        sblock.s+flock = 0;
        sblock.s+ilock = 0;
        sblock.s+fmod = 0;
        free(0);
        for(i=sblock.s+fsize-1; i>=sblock.s+isize+2; i--) {
                j = i;
                if ((bmap[(j)>>4)&077777] & (1<<(j&017)))==0)
                        free(i);
        }
        bwrite(1, &sblock);
        close(fi);
        sync();
        return;
}
```

Sincerely,

Malcolm Blanchard

Malcolm Blanchard