FPLOT****.

A new edition of this program has replaced the one formerly in the public library. The program contains its own instructions. New features include the choice of automatic vs. user-defined scale limits and the ability to define functions containing up to ten parameters. For example

$$Y = N(1)*X*X + N(2)*X + N(3)$$

may be used for any quadratic equation and new functions of this form may be plotted merely by entering new parameter values when requested to do so.

DATAPL***.

This BII subroutine, formerly titled BIIPL* has been renamed and added to the public library for the benefit of all users. A bar graph option (Z7 = 7) and a "pie chart" option (Z7 = 8) have been added. The "pie chart" option is a special case and Z7 must be set before calling DATAPL*** the first time.

New Sign-off Procedure.

The teletype terminal has been modified slightly so that it no longer responds to incoming calls and can no longer be shut-off by the computer. For this reason, it will be necessary for the user to press the "CLEAR" button after typing "BYE." This arrangement has been made under a new Southern Bell tariff rate and will save some money.

Usage Report.

The table below presents a comparison of usage figures for the periods Feb. - May 1970 and Feb. - May 1971. The category of use is established by each user as he signs on and a few mistakes have been made. Nevertheless, the table shows that the total connect time has increased by more than 17% and now averages more than 4.8 hours for each of the 120 days of the period. The table also reflects the fact that the Computer Science 10 course has assumed much of the task of initial computer instruction formerly handled by math, psychology, and physics.

Category	No. of Users 1970	1971	No. of CPU sec. 1970	1971	No. of Connect Min. 1970	1971
Programming	12	48	7,872	55,087	3,104	18,531
Physical Science & Math.	80	58	35,456	22,198	18,412	10,628
Biol. Science	4	1	122	7	96	10
Social Science	8	7	31,566	1,578	4,281	423
Arts & Humanities	1	1	0	91	63	119
Other uses	8	7	16,598	16,873	3,604	5,039
Totals:	98*	95*	91,614	95,834	29,560	34,750

*different users