INTRODUCTION TO THE NEWSLETTER

The NTSU COMPUTING CENTER NEWSLETTER is a document distributed at irregular intervals to inform users of coming changes in policy, procedures, or services and to provide helpful information to specific groups of users. It is supplemented by the USER MEMO. The first edition is concerned primarily with changes of immediate importance to all users.

NEW PROJECT NUMBERS FOR SEPTEMBER 1, 1971

Current project numbers will expire August 31, 1971. The attached PROJECT NUMBER REQUEST FORM should be completed and returned to the Computing Center if a new number is desired. Be certain the correct account name and number and appropriate signatures are provided.

RELEASE 2φ.φ OF 360 OPERATING SYSTEM

The Center has tentatively scheduled installation of release 2φ.φ (R2φ.φ) of OS on October 4, 1971, depending on successful testing of the new system. Providing users take advantage of the free testing period (see below), the change should cause minimal problems. Three changes that will require user attention are:

1. A new job class table has been defined for R2φ.φ to prevent tape/disk allocation problems in a multiprogramming environment. It will be necessary that the job class parameter on the job card conform to the new table, as specified in the new USERS' REFERENCE card (see below).
REDUCTION OF KEYPUNCH AND 123Ø CARD PUNCH CHARGES

All Computing Center charges are based on cost divided by usage. The increased usage of the IBM 123Ø test scoring machine as a data collection device for questionnaire and test analysis allows a reduction in rate from $.12Ø to $.08Ø per card for punching. Also, increased volume and efficiency allows a reduction of manual keypunch/keyverify charges from $5.00 to $4.00 per hour. These rates become effective September 1.

FORTRAN FLOWCHARTING PROGRAM FOR PLOTTER

FLOWGEN/F, a FORTRAN flowcharting program which draws a standard flowchart of a FORTRAN source program on the CalComp plotter is now available, as well as a special procedure to simplify its use. The flowchart produced can be fan-folded or cut to 8½ x 11 inch sheets for insertion in a binder. The job setup for FLOWGEN/F is as follows:

```
//jobname JOB etc.
//
//GO.SYSIN DD *
//FORTRAN source deck including subroutines
/*
```

Since the plotter is required, a special handling card must accompany the job indicating the use of the plotter (VOL. SER. NO. = PLOT; DATA SET NAME = PLOT; plot time and number of feet of paper will be difficult to estimate, since they vary by type of statement as well as number, but the following ranges may be used as "approximate estimates": time is from 0.1 to 0.2 minutes per statement, depending mostly on number of characters on the cards; feet is from 0.04 to 0.07 feet per statement, depending mostly on type of statement - "IF" statements take more space than most, for example).