TO: Multics Distribution
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CTSS Usage Allocation Procedures
for the Systems Programming Group

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This paper documents the system and programs used in the new allocation procedures for Multics System Programmers using the CTSS System.

The System

For purposes of administration, the Systems Programming Group (MAC User Group number 6) has been subdivided into several subgroups which reflect their individual sub-project assignments. Allocations for each subgroup are reflected in a file, maintained in the subgroup leader's file directory, called GROUPx SUBGAF . Group leaders and group members that they designate may change allocations of any group member using a program called ALLOT . The SUBGAF files are examined by a self-rescheduling FIB job nightly, and changes are recorded in the Group Allocation File (The GAF), which serves as the primary means of communication between group 6 and MAC administration. The examination of the SUBGAF files and the consequent updating of the GAF is accomplished by a program called GIVGRP . GIVGRP will delete all SUBGAF files after it is through with them, and new ones, which will include changes made from sources other than ALLOT and GIVGRP are replaced using a program called PRGRP . Subgroup limits are established for each subgroup, and are contained, for each, in a file called GROUPx LIMIT , which is maintained in the group allocator's directory. GROUPx LIMIT files are modified using SETLIM , which also provides facilities for adding and deleting subgroups. Group usage reports are prepared daily by PRGRP , which deposits GROUPx REPORT files in each subgroup leader's directory. A printed copy is also prepared daily and is distributed to subgroup leaders.

There are a total of seven programs that were written especially for this system. These fall into three categories: