TO: F. J. Corbató

FROM: J. H. Saltzer

SUBJ: Who underwrites initial Multics usage. GE or MAC. . .

GE has indicated a constructive response to the complaint that underwriting of initial Multics usage may be very expensive: They have offered to underwrite completely and sell time by the hour to individual users. We may be able to propose a constructive alternative along the following lines:

- the M.I.T. campus and other communities, as it decides, and at rates it sets. It sets rates to recover its costs, including rental of the "B" machine from GE as detailed below.
- 2. Time spent in the Multics "idle" process is carefully accounted for, and added up each month.
- 3. Time spent in which the "B" machine is down (Multics unrunnable) is carefully accounted for, and added up each month.
- 4. The times accumulated in 2) and 3) are added up and then subtracted from the total number of hours in the month. The 645 rental price is prorated down accordingly.
 - 5. MAC guaratees to purchase at least (say) 60% of the Multics runnable hours during the month.

Note that this plan preserves the correct set of incentives:

- . MAC is encouraged to get accurate accounting going soon, un formation and bring up reliability so that accounting is not lost.
- . MAC is encouraged to sell its machine, at least to the 60%

point.

- . GE is encouraged to keep the machine in Multics runnable form.
- . MAC is encouraged to improve system performance as much as possible, to reduce increase idle time.
- · MAC is succominged to run Molties as weath as prossible, booth to sall it and to add up idle time if it is not bring used.

To be negotiated: Whether Test sessions checking new nytons on clarified on "Multies roundle" time on not.