

May 7, 1959

MEMORANDUM TO: 1401 Personnel

SUBJECT: Records and Procedures
Supersedes previous Memo. of 4/16/59.

In order to facilitate the keeping of proper records and expedite wiring changes, the following procedures are effective immediately:

Tap Edit System Engineering Model Records

1. When a designer authorizes a wire list to be processed by the computer, further changes to this wire list and the associated logic diagrams cannot be processed until the wired chassis is received. These changes are to be accumulated and recorded on the "OFFICIAL" prints provided for this purpose in combination with "ADD" and "REMOVE" wire list forms.
2. The above procedure results in the logic diagram vellums and original wire lists not being altered during the period mentioned.
3. Circuit changes on chassis in the model shop must be accompanied by "ADD" and "REMOVE" wire lists and the changes to the "OFFICIAL" logic diagram prints. In order to reduce the time required, it has been decided that only net no., wire no., wire level, from and to information are necessary on an "ADD" list.

Cost Reduction Engineering Records

Each gate will be analyzed with cost reduction in mind and new logic diagrams originated where necessary. When this is done, parallel records will be kept similar to the 1401 TES Engineering Model. Since the existing logic diagram numbering system will be used, change level numbers DVL 2000 and up will be assigned for use only on the cost reduction effort; thus providing ready identification of logics. Designation for this effort will be processed through connected sheet runs with wire lists deferred until chassis are released or ordered for the Optional Features Model. It is intended that the Cost Reduction Logics will be the release version of the TES.

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The following records and wiring procedures apply:

1. If wired chassis are ordered for the Optional Features Model before release of the Cost Reduction logics, then paragraphs 1 and 2, as outlined under the TES Engineering Model, shall be followed.
2. However, circuit changes in the model shop on the above chassis must not only be accompanied by "ADD" and "REMOVE" wire lists and the changes to the "OFFICIAL" logic diagram prints; but all information, including wire lengths and via points, is necessary on the "ADD" lists.


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