

Dr. Lead Folder "next meeting"

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Memorandum L-36

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Digital Computer Laboratory
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Cambridge, Massachusetts

CLASSIFICATION:	
Auth:	DD54
By:	RL
Date:	3-15-60

SUBJECT: SECOND BANK OF 1024 DIGIT STORAGE TUBES FOR WWI

To: Group Leaders

From: R. H. Everett

Date: April 3, 1952

Abstract: It has been tentatively decided to delay installing a second bank of ES in WW until a more reliable production model is available.

On April 2, 1952 a meeting was held to consider the time schedule for the installation of a second bank of 1024 digit storage tubes in WWI. Present were Dodd, Youtz, Corderman, Wieser, Rich, Daggett, and Everett. The following tentative decisions were made subject to discussion at the Group Leader's Meeting:

1. The storage group will continue full scale production of 500-series tubes until Bank B is fully supplied with satisfactory tubes and an adequate reserve (at least 6 tubes) has been built up. Present indications are that this goal can be achieved in about 2 months. If production yields drop much below present performance, we may have to consider more immediate emphasis on tube improvement.

2. The installation of new tubes in Bank A will be delayed until a more reliable tube model is available. Reasons for this delay are:

a) A large fraction of WW operating time now goes into maintenance and special testing of ES now; a second bank of tubes no better than those now in Bank B would present an intolerable load to the systems group.

b) It is not certain that the storage group can supply enough good tubes to maintain 34 tubes in WW for 3 shift operation.

c) If both banks are being used by the application people, the installation later of a completely new model requiring different operating conditions would be very difficult and might require cutting applications back to one bank for a substantial time.

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d) The Cape Cod system will be further ahead if the systems people spend their time installing and debugging the terminal equipment that Cape Cod must have rather than working on a second bank. Cape Cod will not need the extra storage for at least a year.

3. The storage group will apply all their efforts beyond those needed to maintain Bank B to developing a more reliable tube. The decision as to when to install Bank A depends on the progress of this development. Youtz will increase his production facilities to expedite this work.

RRE:rdf

Signed: RR Everett by SLD
R. R. Everett

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