

Memorandum 6M-3813

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SUBJECT: SAGE SYSTEM MEETING 8 AUGUST 1955

To: Distribution List

From: E. D. Lundberg

Date: 8 August 1955

Approved:

B. E. Morriss
B. E. Morriss

- Agenda:
1. IBM Specification Documents
 2. Review of XD-1 Display Problem
 3. Meetings Scheduled This Week

1. IBM Specification Documents

H. E. Anderson briefly discussed the status of the "S" specification documents which are intended to replace the current "D" documents. The "S" documents are being prepared by IBM technical writers in an effort to consolidate the information contained in the "D" documents into a more desirable form to be submitted to the Air Force covering the descriptive portion of the production contract.

We have been requested to review these documents, both in the draft stage and after they are in final form. To date, about fifteen of a total of fifty to sixty documents have been reviewed. The results of this review have indicated that the rewrite job constitutes virtually no improvement over the original "D" documents. It is apparent that the draft copies sent to Lincoln for review have not been edited or proofread by IBM engineers familiar with the equipment.

A major problem from the Lincoln point of view is the manpower required to review these documents. It is estimated that one man hour is required to read and check one page of the drafts. As there will be approximately 2500 pages in the total series, it will require two man years to check the drafts, plus a similar period to check the final copies.

It is felt, in general, that the rewriting of the specification documents for the AN/FSQ-7 is desirable, and that Lincoln should participate in the review of these documents in the draft stage. However, it is felt that IBM should be requested to insure that the documents are adequately reviewed prior to forwarding to Lincoln. It was decided that this problem should be studied further by N. H. Taylor, B. E. Morriss, and H. E. Anderson.

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2. Review of XD-1 Display Problem

B. E. Morriss reviewed the XD-1 display problem which is to be discussed at a meeting to be held in New York. The purpose of this meeting is to enable the ADES-PO to obtain information on costs and schedule changes required by the revised console equipment and label layouts.

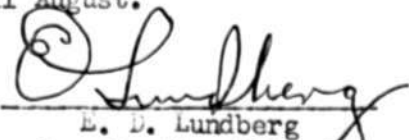
The original equipment allocation for XD-1 operating positions was contained in Memorandum M-2720-2, and Supplement 1 thereto, which were released by T.I.R. #1-9, dated 6 August 1954. On the basis of this memorandum, IBM prepared the Equipment List for AN/FSQ-7 (XD-1), IM-67-2. IBM considers this to be a description of the display system which they are required to furnish for XD-1, although this information is now obsolete and is not being used by the Lincoln operational group in writing the operational specifications. 6M-2720-2 was superseded by 6M-3320, which in turn has been superseded by a series of M-notes, 6M-3583 through 6M-3587, and supplements thereto, which were released by T.I.R. #1-85, dated 21 July 1955.

C. A. Zraket indicated that it would be possible to follow M-2720-2, but that this would provide a poor operational system which he did not believe ADC would accept. Also, this would result in a 2-3 months delay in present schedules. H. D. Bennington stated, in addition, that if the XD-1 display system is not similar to that in the production system, a real adaptation problem would result. For example, the McGuire program could not be checked out on XD-1 as contemplated. Therefore, it was agreed that it is essential that the display system for XD-1 be designed in accordance with the information released by T.I.R. #1-85.

A related problem that must be investigated is the status of the fifteen push button switches that are required for the consoles. Group 61 is proceeding on the assumption that these will be furnished; however, no indication has been received from IBM regarding the status of this item. It was suggested that W. L. Batchelor of IBM be contacted on this item.

3. Meetings Scheduled This Week

- a. The monthly SAGE System Status Meeting will be held on Tuesday, 9 August at 220 Church Street, New York City.
- b. The Engineering-Installation Committee will meet at 220 Church Street, New York City on Thursday, 11 August.


E. D. Lundberg
Production Coordination Office

ELH:mnc

Attachment: Distribution List

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Meeting Attendants

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K. E. McVicar
B. E. Morriss
J. C. Proctor
N. H. Taylor
C. R. Wieser
C. A. Zraket

Others

R. R. Everett
J. A. Arnow
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