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Memorandum 6M-3302

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Division 6 - Lincoln Laboratory
Massachusetts Institute of Technology
Lexington 73, Massachusetts

SUBJECT: SAGE SYSTEM MEETING, JANUARY 17, 1955

To: Those Present, J. W. Forrester, R. R. Everett, S. H. Dodd,
A. P. Kromer, J. C. Proctor, N. H. Taylor, C. R. Wieser,
J. A. Arnow, P. Bragar, S. Hibbard, J. F. Jacobs, J. O'Brien

From: J. C. Proctor

Date: 20 January 1955

Approved: 
John C. Proctor

Agenda: 1. Exhibit 17
2. Specifications for First Production Machine
3. AA Proposal
4. Test Specifications for XD-1
5. Charactron Display
6. Communication Memos

1. Exhibit 17

Exhibit 17 is held up at CRC due to some minor questions by the JPO, and by CRC pending a decision as to whether DDR and DDT equipment should be specified as part of the FSQ-7 System.

2. Specifications for First Production Machine

The Standards Office is assembling a set of documents which will serve as a preliminary test specification for the first production machine. In the next few days, these documents will be studied and the necessary decisions made so that they can be forwarded to IBM.

3. AA Proposal

At the last SCEL meeting, it was made clear that the Signal Corps is unhappy with the 1,300 cycle output from the SAGE System. They feel a 750 cycle output is essential because of the necessity for operating their equipment under field conditions. A study will be undertaken by Group 61 to determine the best way to make the two systems compatible.

4. Test Specifications for XD-1

In order to attain satisfactory operation for XD-1, we must meet certain interim performance standards. We must prepare a schedule when each test is to be made and when the specifications for each test will be issued. In order to be realistic, specifications must be issued some months prior to each test. The results of these tests will be used at the ADES meetings as a measure of performance.

5. Charactron Display

A meeting of interested people from Division 6 and Group 38 discussed the Charactron display. It was decided to run a series of character legibility tests without light, then future tests will be run to study the effect of lighting changes.

6. Communication Memos

A set of documents on the tactical communication set up has been jointly prepared by ADES and Lincoln. It is here in draft form to be studied this week preparatory to final issue.

JCP:rw