

Memorandum 6M-4339

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SUBJECT: SAGE SYSTEM MEETING, 14 MAY 1956

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From: P. J. Gray

Date: 14 May 1956

Approved: *William H. Ayer*  
William H. Ayer

- Agenda:
1. Computer Time
  2. Building Work after B.O.D.
  3. ADC Meetings on Weapons Integration
  4. Access to SAGE Sites
  5. Memory Expansion
  6. 026 for Group 61

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1. Computer Time

A report was given on the status of a survey concerning possible solutions to the problem of the shortage of computer time for SAGE work. Preliminary indications are that a duplex AN/FSQ-7 should be provided for use by the Rand Corporation; use of XD-2 at Kingston must supplement use of XD-1; acquisition of a 704 computer may be desirable. A memorandum outlining the possible solutions is scheduled for discussion by Committee 236 this week.

2. Building Work After B.O.D.

The question was raised as to how building changes could be made after the Beneficial Occupancy Date, as Western Electric contractual coverage for building design will cease at that point. The PCO representatives were advised to continue their efforts to expedite a solution to the problem.

3. ADC Meetings on Weapons Integration

Some concern was expressed over the fact that the Air Defense Command expects to generate operational plans for the various weapons to be integrated in a series of meetings covering approximately two weeks per weapon. The general feeling was that this should not be a cause for concern, and that the fact that more time is required will become obvious as the meetings progress.

4. Access to SAGE Sites

Bragar brought up the problem of arranging for admittance of Lincoln personnel to the various SAGE Sites. The feeling was, that an attempt should be made to have a Lincoln badge be sufficient for admittance to the site.

5. Memory Expansion

Preliminary planning is under way to allow the addition of two memory frames to the AN/FSQ-7 as an interim method of improving the computing cycle time. A meeting was held with Western Electric building people in New York, at which time this subject was discussed. A number of different locations for the frames are now under consideration. In addition, IBM is undertaking a study to repackage the memories whereby four memory arrays and associated circuitry could be housed in about the same area now occupied by two memory frames. Taylor urged that some caution be used in the planning. The memory frames can not be arbitrarily picked up and moved around, since reliability of the memory may easily be affected.

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6. 026 for Group 61

Group 61 indicated that use of an 026 Card Punch at Murphy is required and that they were exploring the possibility of borrowing one until such a machine could be procured. It was indicated that MTC now has an 026 available, and the general feeling was that this may fulfill the requirements of Group 61.

SIGNED:

  
J. Gray

PJG:bm