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Memorandum 6M-4349

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SUBJECT: SAGE SYSTEM MEETING, 21 May 1956

To: Distribution List

From: P. J. Gray

Date: 21 May 1956

Approved: William H. Ayer  
William H. Ayer

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- Agenda:
1. Improved GFI Mapper
  2. Dictionary of SAGE Terms
  3. SAGE Study Group
  4. Status and Failure Reporting
  5. BOMARC Operational Plan

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### 1. Improved GFI Mapper

Bendix has submitted a proposal to IBM for improvement to the GFI Mapper. There is doubt that the improvements to the mapper that could be expected from this proposal are sufficiently large to generate any Lincoln interest in the proposed change.

### 2. Dictionary of SAGE Terms

A draft dictionary of SAGE Engineering terms has been prepared in collaboration with Western Electric. This is being circulated for comments, preparatory to release by T.I.R.

### 3. SAGE Study Group

A study group has been operating for the past few weeks at the field station with a general purpose of studying future SAGE requirements. Among other things, the problem of susceptibility to Electronic Countemeasures (ECM) is being considered. It is expected that in the near future, a small group of people will be assigned to this task on a full time basis.

### 4. Status and Failure Reporting

E. S. Rich gave a summary of a meeting which he attended last week concerning a status and failure reporting system for SAGE. Representatives of Lincoln, IBM, Rand, WE-ADES, AMC, ARDC, and ADC were in attendance. There was general agreement that a working group should be set up to generate a proposed system for status and failure reporting. It was expected that this would require a two man-year effort. An initial proposal for a system is to be prepared by about 1 November 1956. It is expected that this work will be done by one of the SAGE contractors or possibly by the Air Force itself. There seemed little likely that another outside contractor would be used for this effort. Air Force representatives pointed out that an Air Force system for this purpose is already in existence. A system for SAGE will probably have to be drawn up which is at least compatible with existing Air Force systems.

### 5. BOMARC Operational Plan

D. R. Israel reported that Lincoln representatives at the meeting at Colorado Springs generating an operational plan for BOMARC are extremely well pleased with the manner

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in which the study is going. It is expected that the meeting will conclude this week and that ADC will then document the results of the meeting.

SIGNED.

  
P. J. Gray

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