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Memorandum 6M-4115

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SUBJECT: SAGE SYSTEM MEETING, 16 JANUARY 1956

To: Distribution List

From: J. J. Carson

Date: 16 January 1956

Approved: B. E. Morriss  
B. E. Morriss

- Agenda:
1. IBM-Lincoln Coordination Meeting of 12 January 1956.
  2. January ADES Status Meeting.
  3. Training
  4. Boeing-Lincoln Committee.
  5. Talos Meeting.
  6. Light Costs in Direction Center.
  7. Meetings This Week.

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1. IBM-Lincoln Coordination Meeting of 12 January 1956

B. E. Morriss reviewed some of the items which had been discussed at the Coordination Meeting. The subject of the standby computer program for which IBM has responsibility was discussed. IBM expects to assign 12 people to the task and stated that the program will be available next December.

IBM indicated general approval for proposals to use XD-2 for weapons integration.

IBM stated that they would be willing to provide the spare compressor for XD-1 if asked to do so. B. E. Morriss said that they were asked.

2. January ADES Status Meeting

Highlights of the ADES Status Meeting were reviewed by R. R. Everett. WE-ADES has made a recommendation to the Air Force that the operational date for DC-1 be moved back four and one half months. This would schedule it for the middle of July.

Further, a new schedule for delivery of AN/FSQ-7's & 8's has been proposed. According to this proposal, the first 18 machines would be delivered 2 months apart. The next four items would be delivered 1 1/2 months apart. The remaining items would be delivered on a one month cycle.

The biggest difficulty with respect to SAGE Schedules appears to be with the Air Force buildings required for AN/FST-2's at radar sites and additional construction required at radio sites. Western Electric feels that there may be some difficulty on expediting certain sites which are required for ESS operations.

3. Training

Non-programmer training is being reviewed and a memo summarizing the various activities such as SAGE and Air Defense indoctrination courses will be out soon. Comments on these courses and suggestions for modifications are requested.

4. Boeing-Lincoln Committee

H. E. Anderson stated that the Boeing-Lincoln Committee, which is preparing a proposal for Bomarc-SAGE integration, will probably not complete the task for at least another week. Part of the first draft of the final report has been completed. This includes sections on:

- a. Live Firing
- b. Simulation
- c. Systems Description
- d. Subsystem Testing

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Boeing is also preparing a contractual proposal for presentation to the Air Force.

The report to come from the Committee will be a recommendation to the Boeing and Lincoln managements. It was stated that it would not be sent to the Air Force until such time as it can be released be Lincoln.

5. Talos Meeting

D. R. Israel reviewed a meeting which had been held at Lincoln on 12 January to discuss details of the RCA specification for the land based Talos ground equipment. He stated that problems existed concerning the lack of information available to the people responsible for Talos as well as the lack of contractual coverage.

The meeting of 21 December 1955 at WADC, concerning Talos, was also discussed. B. E. Morriss brought up the point that most people there considered AFCRC concurrence on the RCA specifications as implying Lincoln concurrence. J. W. Forrester asked J. J. Carson to provide full details on this meeting and the problems involved.

6. Light Costs in the Direction Center

The question of the cost per square foot for lighting in a Direction Center was raised. W. H. Ayer stated that it was approximately \$5.50 per square foot. J. W. Forrester said he had heard \$13.00 per square foot. It was explained that this estimate (\$13.00) was probably for the initial building and reflects the cost of the various changes to the building contract.

The question of scope visibility in the TBS room of Building F has been raised by visitors. W. H. Ayer said that the light level could be controlled. However, since the difficulty is probably due to the low level of scope brightness, N. H. Taylor said that he would get C. L. Corderman to check the scopes.

7. Meetings This Week

a. The ADES-Lincoln Bi-Weekly Engineering Meeting will be held in B-317 on Thursday, 19 January at 0915.

b. A conference on Ferrite Research to discuss research work done at the IBM Research Division for Project High will be held at Lincoln on Friday, 20 January 1956. IBM and Lincoln personnel will attend.

c. At 2:00 P.M. on Tuesday, 17 January a meeting will be held to discuss the AN/FSQ-7 display system with emphasis on psychological factors. Members of Divisions 3 and 6 will be present.

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*J. J. Carson*

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Production Coordination Office

JJC:nkv

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Meeting Attendants

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\*R. R. Everett  
\*S. H. Dodd  
\*N. H. Taylor  
\*J. F. Jacobs  
\*H. E. Anderson  
\*J. A. Arnow  
\*H. D. Bennington  
\*P. Bragar  
\*D. R. Brown  
\*C. Farr  
\*D. R. Israel  
\*K. E. McVicar  
\*B. E. Morriss  
\*W. Odgen  
\*T. R. Parkins  
\*J. C. Proctor  
\*E. S. Rich  
\*P. Yountz  
\*C. A. Zraket  
\*J. J. Carson

Others

\*W. S. Attridge  
\*D. R. Aufderheide  
\*R. D. Buzzard  
\*R. S. Fallows  
\*N. T. Jones  
\*H. J. Kirshner  
\*E. D. Lundberg  
\*J. P. May  
\*J. A. O'Brien  
\*W. N. Papian  
\*C. R. Wieser

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