

Memorandum 6L-268

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

Subject: GROUP LEADERS' MEETING - July 9, 1956

To: Group Leaders and Associate Group Leaders

From: J. C. Proctor

Date: July 10, 1956

Present: R. R. Everett, J. A. Arnow, H. D. Benington, D. R. Brown,
N. L. Daggett, D. R. Israel, K. E. McVicar, J. A. O'Brien,
W. N. Papian, J. C. Proctor, E. S. Rich, N. H. Taylor,
P. Youtz, C. A. Zraket

Agenda:

1. WWI Memory Expansion
2. IEM Liaison
3. BADGE-2
4. Field Engineers
5. ESS Schedules
6. Tape Units
7. Sun Orientation
8. New Section Leader, Group 66
9. Group 61 Move

1. WWI Memory Expansion

It was suggested that provision be made in the new memory for future expansion to 34 planes. It was agreed that we will build a 17-plane stack with physical space for later addition of another 17 planes. No provision will be made in the circuitry for this expansion. Future expansion may well be accomplished by replacement of the present memories with new 4000-word memories. Daggett, Holmes, and Papian will discuss these problems further.

Procurement of the 17 new planes required was discussed. Altho numerous outside suppliers are available, it was decided, because of the urgency of the program, that Group 63 will supply them. These will probably be replaced by Group 63 through an outside vendor.

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2. IBM Liaison

Taylor feels we are not acquainting IBM at the proper level of developments here. A considerable sum is budgeted by Project High for advanced development, and if properly monitored, much benefit to SAGE development can be derived. IBM will be definitely receptive to our participation. Our problem is to set up the proper relationship with a suitable person responsible.

3. BADGE-2

Israel reported on a visit to CRC to see BADGE-1 equipment in operation and to discuss plans for BADGE-2.

4. Field Engineers

Everett reported that Personnel Committee B has drawn up a proposal for compensation for field engineers that appears generally satisfactory to him. It has yet to be approved by the Steering Committee and the Institute.

5. ESS Schedules

Revision of the ESS schedules remains difficult. The chief bottleneck seems to be computer time allocations. Active work continues in an attempt to resolve the conflicts and prepare a new schedule for the next ADES meeting.

6. Tape Units

The R & D people at High Street are not concerning themselves with improving the current machines but are working on an entirely new system. The Kingston production people are apparently interested in improving the present system, and O'Brien will contact them.

7. Sun Orientation

Group 61 still feels that sun orientation for the SAGE radars will not be satisfactory. A memo has been sent to Rader stating this and suggesting that plans for beacon orientation be continued. We can get a better feel for the situation when the Bath radar is tied in to Cape Cod so we can actually do overlap tracking with heavy radars. This is fundamentally a Division 2 problem.

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8. New Section Leader, Group 66

A. J. Roberts will be made a section leader in Group 66 responsible for Air Defense program checkout.

9. Group 61 Move

Group 61 wishes to move back from Murphy with twenty-seven people. The proper location for the Weapons Integration Section is not entirely clear. Proctor pointed out that little planning can be done until the proposed transfer of personnel among groups is firm. Israel agreed to organize a meeting to attempt to settle this.

JCP:FJE


J. C. Proctor