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Memorandum L-159

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

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SUBJECT: GROUP LEADERS' MEETING, July 19, 1954

To: Group Leaders

From: David R. Brown

Date: July 20, 1954

Present: J. W. Forrester, D. R. Brown, A. P. Kromer, J. C. Proctor,
and N. H. Taylor

- Agenda:
1. Display Console for AN/FSQ-7
 2. Assignment of Staff Members
 3. Publications
 4. Memory Cores
 5. Personnel Management
 6. Revision of TM-20
 7. Lincoln Laboratory Representatives at Joint Project Office
 8. IBM
 9. Staff Promotions

1. Display Console for AN/FSQ-7

A mock-up of the display console for the AN/FSQ-7 will be delivered to the Lincoln Laboratory for comments on July 21. C. Corderman will make the arrangements for the interested parties at Lincoln to see and comment on this mock-up.

2. Assignment of Staff Members

Circuit and systems engineers are urgently required for several Division 6 activities, notably WWI, MTC, and system tests of XD-1. Both MTC and WWI should be training systems engineers. E. S. Rich should take some Research Assistants in the fall for work on the WWI system.

S. B. Ginsburg and F. E. Irish are to transfer to Group 62 on August 1. Their assignment will await the return of S. H. Dodd. J. H. McCusker is transferring to Group 62 and will receive systems training with WWI or MTC. T. H. Meisling has been assigned to Group 61 for that group's indoctrination program; however, he expects to work part time with D. J. Eckl's Computer Techniques Section.

Confidential clearances now require from six to eight weeks. J. C. Proctor will see R. L. Wright about speeding up the clearance process.

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3. Publications

Some Group 63 staff members have encountered long delays in sending papers for publication through the Publications Office. D. R. Brown will see R. J. Harmon to determine the cause of these delays and establish better communication with the Publications Office.

4. Memory Cores

Memory core procurement and testing for AM/FSQ-7(XD-1) and (XD-2) are proceeding on schedule and relationships between Project High development engineers and the General Ceramics Corporation are harmonious. The average yield on General Ceramics cores is now 83 percent. General Ceramics is still the only source of memory cores in production quantities.

In a letter to R. A. Kelly dated June 4, General Ceramics proposed to supply from 50 to 100 percent of the memory-core requirements of production machines, asking for orders to cover periods of not less than six months and quantities not less than 80,000 cores per month. General Ceramics had asked for an answer to this proposal by July 15. When D. R. Brown checked on the status of this proposal in Poughkeepsie on July 9, he was informed by R. A. Kelly that the memory core specification had not been released and that IBM would not accept General Ceramics' proposal. No plans had been made for notifying General Ceramics of this decision. This situation is a serious kind of difficulty being created by IBM in the FSQ-7 program.

(After the Group Leaders' Meeting, D. R. Brown learned that on July 16 IBM requested quotations from General Ceramics to supply memory cores at rates of from 100,000 cores per month to 140,000 cores per month for periods of six months and twelve months. General Ceramics will submit its quotation at a meeting with IBM purchasing officers in Poughkeepsie on July 20. General Ceramics' price is between 18 cents and 20 cents per cores. IBM hopes to have the order placed before vacation begins on July 23.)

5. Personnel Management

The transfer of R. A. Osborne and F. C. Ryder to the Lincoln Laboratory Personnel Office has been proposed.

Some administrative men are needed for A. P. Kromer's office. A trade might be arranged with the Lincoln Laboratory Personnel Office.

Since July 1, 1952, only five staff members have been hired for Division 6 through the Lincoln Laboratory Personnel Office.

6. Revision of TM-20

The first draft of the revision of TM-20, "A Proposal for Air Defense System Evolution--The Transition Phase," is due during the week of July 19. J. W. Forrester has an outline of this draft.

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7. Lincoln Laboratory Representative at Joint Project Office

The Lincoln Laboratory should have a representative at the transition-system Project Office in New York. This representative would not have to be there all the time, but could go for the most important meeting each week and stay an extra day or two. J. A. Arnow, H. D. Bennington, and C. C. Grandy are being considered for this assignment.

8. IBM

IBM goes on vacation for two weeks beginning July 23.

IBM's estimate of the earliest date that XD-1 can be delivered in Lexington is now January 1, 1955. IBM has asked for MIT help in system testing of AN/FSQ-7(XD-1) at Poughkeepsie. J. A. O'Brien, together with some MIT system engineers and possibly some system technicians, will move to IBM to assist in system testing. Some difficulties may be encountered in moving system technicians to Poughkeepsie. These problems have been discussed with Paul Cusick and R. C. MacLaurin. If system technicians must be moved to Poughkeepsie, the MIT administration will find some way to do it.

J. W. Forrester has discussed the unsatisfactory progress of the AN/FSQ-7 Program at IBM with several representatives of IBM management. IBM seems to have failed to recognize the magnitude of the job and establish the organization necessary to handle it. IBM management plans to take steps to correct this situation before July 23.

9. Staff Promotions

New promotions to Group Leader and Section Leader should be considered as well as staff transfers to strengthen the Division 6 organization. E. S. Rich is being considered for Group Leader of the WWI group.

Signed

David R. Brown
 David R. Brown
 Secretary

DREB/jk

cc: A. P. Kromer
 W. K. Linvill

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