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3. AN/FSQ-7 (XD-1) Installation and IBM Responsibilities

IBM has asked if MIT will install power transformers for AN/FSQ-7 (XD-1) in Lexington.

IBM's responsibilities for the installation of XD-1 require clarification. Evidently IBM has not planned on the complete installation. However, IBM should plan to take the responsibility for the complete installation of XD-1, for putting it into operation, and for maintaining it. We would assist them in this but it is primarily their responsibility.

To provide for the installation of XD-1 in Lexington, IBM should find a subcontractor who is capable of managing installation in the 26th Air Division. This would be an organization like Jackson and Moreland. One subcontractor should be responsible for overall coordination of the installation. Power and air conditioning are typical aspects of the installation job.

IBM's responsibilities as outlined here include installation of the transformers.

IBM's job in Lexington after delivery of XD-1 is comparable to their present design job. Experienced systems engineers now with the program should be retained by IBM for this period, not released to other divisions of IBM. Unfortunately, IBM is now short of experienced men, precluding the release of any senior engineers from Project High at the end of the design period. We should summarize the future jobs for IBM, including FSQ-7 installation, modification of production machines, etc. An overall picture including the manpower requirements for the next three years should be prepared.

IBM's present contract definitely covers research and development of magnetic-drum systems, special display tubes, and similar devices.

4. Personnel

Since February, 1953, Division 6 has lost 18 staff members and hired nine. During the same period, 250 applicants were processed. Deferments are becoming more difficult to obtain. With our present recruiting efforts and standards for staff appointments, we can expect to continue to lose staff faster than we gain them.

The recruiting effort is being intensified and we should re-examine our standards for new staff members, particularly as they apply to research assistants receiving their degrees.

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5. Standards

The three standards programs, (1) Lincoln Laboratory, (2) Division 6, and (3) MIT-IBM, will continue to receive C. Watt's attention. The existing organization will not be changed at the present time.

6. Briefing and Demonstration of Cape-Cod System for FSQ-7 Design Engineers

A list of FSQ-7 design engineers who would benefit most from a briefing and demonstration of the Cape-Cod System should be prepared and submitted to R. A. Nelson who will make the necessary arrangements.

7. ADC Visit During the Week of October 12

During a visit by the ADC during the week of October 12, test schedules for the Cape-Cod System were discussed. Detailed test schedules will be prepared during the next few weeks. The status of the program will be reported in the ADA (CADS II) Bulletin.

8. Visit to Jacobs Instrument

A. Hill, G. Valley, and J. Forrester have received invitations from Jacobs Instrument to visit there. D. Brown will plan to visit November 12, 1953.

9. Cape Cod Demonstration on October 29

The first official demonstration of the Cape-Cod System will take place October 29 for ten CRC personnel and five representatives of the MIT administration.

10. Seminar on Transition System

Division 6 will present a series of four seminars on the Transition System for the Lincoln Laboratory on November 17 and December 1, 15, and 22. The seminar on November 17 will be on the current status of FSQ-7.

11. Buildings for AN/FSQ-7 (XD-1)

The most probable solution to the building problem at the present time is an additional 120-ft-by-140-ft building to be erected at the west end of Building A. This building would house the operations room.

12. Visit to 701's

A. Samuels and N. Rochester of IBM have suggested that a technical visit to a number of 701 installations would provide valuable material concerning the performance of 701's in the field. Division 6 has suggested that it should ~~send a representative. Ed Rahn is the person here best qualified to go.~~

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13. New Time for Group-Leaders' Meetings

In the future, Division 6 Group Leaders' Meetings will be held on Mondays at 9:00 in Forrester's office.

Signed

David R. Brown

David R. Brown
Secretary

DRB/jk

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