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Memorandum L-118

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Lincoln Laboratory - Division 6
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

CLASSIFICATION HANG-ED TO:	
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Date:	3-15-66

SUBJECT: GROUP LEADERS' MEETING, August 31, 1953

To: Group Leaders

From: David R. Brown

Date: August 31, 1953

Present: D. R. Brown, S. H. Dodd, J. C. Proctor, N. H. Taylor, C. R. Wieser,
P. Youtz

- Agenda:
1. Reorganization of Group 65
 2. FSQ-7 Display
 3. Space for Group 62
 4. Personnel
 5. Tube Shop
 6. Cape Cod Display System

1. Reorganization of Group 65

The storage-tube-test-and-evaluation section previously headed by C. Corderman has been disbanded. One DDL staff member and two research assistants remain to carry out necessary tests for maintenance of the WWI electrostatic storage.

The members of the storage-tube-construction section are being retained and are actively engaged in work on the Charactron and special devices for Group 25.

Corderman will retain his membership on the test-equipment committee.

2. FSQ-7 Display

A new display section in Group 62 includes six engineers. Corderman is section chief with M. Epstein, R. Gerhardt, R. vonBuelow, J. Woolf, and H. Zieman. This section will work on a display system to use the Charactron.

A number of display devices have been considered besides the Charactron. Between now and November 1, work will be concentrated on one other system besides the Charactron system, probably the Bell Labs. system. The other system will be investigated by IBM. A re-evaluation of all display work will be made on November 1.

Group 62 is doing no work on radar mappers. This is carried out by IBM and Division 2. The present Raytheon Pathfinders are poor as radar mappers. A better system is badly needed. Bendix has taken a sub-contract under IBM for radar-mapper development.

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3. Space for Group 62

A new magnetic-drum section, which will be working with MTC, requires office space near MTC. A magnetic drum is expected in approximately one month. One proposal is to move the engineers now working on standards to the fourth floor of Whittemore Building 3 and use the offices on the third floor of Whittemore Building 2 for MTC engineers.

4. Personnel

P. Smead is interested in doing production work and is finding less of this type of work in our laboratory. He has received an offer from Fairchild and will probably receive an offer from IBM. IBM is consulting with this laboratory regarding its negotiations with Smead. IBM will require written authorization from this laboratory before it will make an offer to any laboratory staff member.

5. Tube Shop

Bonnell Frost will get his doctor's degree in February. He has received offers from Bell Labs., RCA Labs., and this Laboratory. T. Clough will be assigned to work with him beginning in October to assist him in many of the technical details in the tube shop.

6. Cape Cod Display System

The Cape Cod System has had several technical difficulties. The display is one of these. Display has been a cause of trouble for several years. A significant improvement was made last week by O'Brien by increasing the amplification of the decoder and the deflection voltage on the deflection-voltage transmission line. This has reduced the noise to approximately 25 percent of its previous amplitude and will permit tracking down other sources of noise. Zieman has been assisting the Cape Cod Group on the display program. Dodd and J. O'Brien are now discussing the display problem with Corderman, K. Olsen, and R. vonBuelow, who will take a more active part in Cape-Cod-display-system problems.

Signed

David R. Brown

David R. Brown
Secretary

DRB/jk

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