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Division 6 - Lincoln Laboratory

Massachusetts Institute of Technology

Lexington 73, Massachusetts

Subject: Group Leaders' Meeting - 3 March 1958

To: Group Leaders and Associate Group Leaders

From: C. W. Farr

Date: 12 March 1958

Present: R. R. Everett, W. J. Canty, C. L. Corderman, N. L. Daggett, A. M. Falcione, R. S. Fallows, C. W. Farr, J. B. Goodenough, D. R. Israel, K. E. McVicar, W. N. Papian, J. C. Proctor, P. Youtz, and C. A. Zraket.

Agenda:
1. 704 Time
2. Remote Display
3. IBM Visitors
4. TV Link to Fort Dawes
5. Hughes Aircraft Briefing
6. Group 63 Presentation to Steering Committee -- RLE Collaboration

2. The research reported in this document was supported jointly by the Department of the Army, the Department of the Navy, and the Department of the Air Force under Air Force Contract No. AF 19 (122)-458.

1. 704 Time

Everett reported action taken by Committee 15 on 704 time allocation. The long term allocation gives 80 hours per week to Division 6, 52 to Division 2, and 15 to Division 3. Dodd proposed allocation of day time hours to several Divisions in proportion to the long term allocation; time trading will be permitted; "production" work will be scheduled for evening and night hours: Lone will arrange detailed schedules. Everett will call a meeting with Rich, Morriss, and Zraket this week to allocate time within the Division and to appoint a computer time negotiator for Division 6.

2. Remote Display

Corderman announced the completion of a prototype remote display console which will be installed at Logan Airport and programmed for input from Whirlwind. Group 63 is now building a remote display unit using the small core memory and a charactron tube. Zraket suggested that Corderman discuss with May possible AA usage of the remote equipment.

3. IBM Visitors

Everett discussed plans for a Laboratory tour by T. J. Watson, President of IBM on the afternoon of 4 March.

O'Brien discussed the IBM visit, scheduled also 4 March, to discuss the newly developed IBM drum, (vertical axis, floating head, denser information spacing) the meeting agenda will also include 256^2 memory and advance development assistance.

ACTION

Everett requested Proctor to requisition a 709 Computer as a first step action to meet the needs of our ever increasing data processing load at Lincoln; he also requested Farr to revive the Building J computer expansion space study.

ACTION

4. TV Link to Fort Dawes

Canty announced the forthcoming completion of a TV link from XD-1 to Fort Dawes. GE equipment at the Lexington terminal will be installed in the Weapons Direction Room; communication will be by coaxial cable on telephone poles to the CRC microwave transmitter adjacent to the Field Station.

5. Hughes Aircraft Briefing

Farr announced a briefing at Lincoln 21 March by Dr. Jerriems of Hughes on AI Radar Capabilities (1:30 P.M., C-352) a crossover briefing is to be given at the same meeting.

After the meeting Farr advised Division 4 that 10 staff members will attend from Division 6.

6. Group 63 Presentation to Steering Committee -- RLE Collaboration

Everett reported that Group 63 made a very successful presentation to the Steering Committee covering its work in collaboration with the Communications Biophysics Laboratory of RLE on the study of electroencephalogram patterns using TX-0 computer; they also demonstrated the ARC-1 (average-response computer) designed and built for the purpose of extracting a meaningful signal from the high level of background activity of the brain; ARC-1 is slated for long term loan to RLE.

This presentation will be repeated at the Group Leaders Technical Meeting.

SIGNED C W Farr

C. W. Farr

CWF/lcc