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Memorandum 6L-321

Page 1 of 3

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

Subject: Group Leaders' Meeting - 23 September 1957  
To: Group Leaders and Associate Group Leaders  
From: C. W. Farr  
Date: 24 September 1957

Present: R. R. Everett, J. F. Jacobs, D. R. Brown, W. J. Canty,  
C. L. Corderman, N. L. Daggett, A. M. Falcione,  
R. S. Fallows, C. W. Farr, J. B. Goodenough, D. R. Israel,  
H. J. Kirshner, K. E. McVicar, B. E. Morriss, J.A. O'Brien,  
W. N. Papian, J. C. Proctor, E. S. Rich and P. Youtz.

Agenda: 1. ECM Symposium  
2. SAGE Book  
3. Budget and Ceiling  
4. Kingston  
5. IBM Advance Development Work

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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.

Memorandum 6L-321

Page 2

ACTION

1. ECM Symposium

Everett passed to Brown papers describing the ECM symposium to be held at Rome in October.

Everett wants a Division VI representative at the meeting from Group 68 or Group 61.

2. SAGE Book

Everett described the activity undertaken by RAND and Lincoln, jointly in the form of a 60 or 70 page unclassified description of the SAGE system; RAND publications department, in persons of Bennett and Hurst, have been assigned to prepare the material with assistance from Lincoln (Farr has been designated to be Division VI contact); objective date for publication is approximately June 1958.

3. Budget and Ceiling

Everett discussed budget and ceiling.

4. Kingston

Morriss stated the need for decision whether Lincoln needs FSQ-7 computer time at Kingston beyond 1 January 1958. Lincoln use of the Fort Custer machine will cease 20 December 1957; Lincoln use of the XD-2 machine is scheduled 3 hours per day until 1 January only. Present Group 66 personnel at Kingston includes 3 Lincoln staff, approximately 20 Lincoln non-staff and a member of Lowell Inventory people.

Everett requested Israel to advise at the next Group Leaders Meeting what the Kingston computer needs of Group 61 would be after 1 January; he proposed that, if possible, we schedule to discontinue Lincoln activity at Kingston as of that date.

5. IBM Advance Development Work

Papian and Fallows discussed the IBM advance development program.

Memorandum 6L-321

Page 3

ACTION

An immediate objective of IBM development is the decision on type of memory to be used in a development computer with a two micro-second memory. Their approach includes the cryogenic work which they call "Frozen Flux;" they are also studying thin magnetic films. Discussion indicated that we should discuss at some length the thin film work that we are doing and encourage IBM to pursue its cryogenic approach. As government contractors we will make our development work available to industry.

Everett summarized that Lincoln should explain to IBM our own development program and become familiar with IBM's development program; although our work can complement theirs, it is necessary to avoid making specific commitments.

SIGNED

*C. W. Farr*  
C. W. Farr

CWF/lcc