

Robert Everett
LLW-82

~~CONFIDENTIAL~~

PL 23a p 22

Memorandum 6L-203

UNCLASSIFIED

Copy No. 2 of 20 copies

Page 1 of 2

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

CLASSIFICATION CHANGED TO:
A m: DD354
By: RFE
Date: 9-15-60

SUBJECT: GROUP LEADERS' MEETING, May 23, 1955

To: Group Leaders and Associate Group Leaders

From: C. W. Farr

Date: May 25, 1955

Present: R. R. Everett, D. R. Brown, S. H. Dodd, C. W. Farr, J. F. Jacobs,
A. P. Kromer, B. E. Morris, Jr., J. A. O'Brien, J. C. Proctor,
E. S. Rich, H. H. Taylor, C. R. Wieser

- Agenda:
1. Philco Contract
 2. CRC
 3. Subsector Equipment Testing
 4. Status of Salary Review
 5. QPR

1. Philco Contract

D. R. Brown reported the status of work with Philco on improvement of reliability of surface-barrier transistors for computer applications. Current work is being performed under a six-month study contract authorized for \$50,000 expiring July 15. We need to work out details for contract renewal at the \$100,000-or-more-a-year level. Although the initial contract was necessarily somewhat vague in scope of work, Philco has been cooperative and results to date are encouraging. Presently, Philco is undergoing the difficulties of converting the experimental manufacturing process to routine production and deliveries have suffered. Philco reports, however, that it is setting up a quality production process for military transistors and making personnel changes to implement the program. Specifications are being developed for transistors for computer use. A memory-driver transistor is being developed and samples are expected soon. Research is directed toward the effect of different encapsulation procedures on transistor life; shelf deterioration at high temperatures (up to 100 C) is also being studied.

A Group 35 representative has participated in our meetings with Philco; further Group 35 participation in the program is essential.

2. CRC

S. H. Dodd outlined the action being taken by CRC in organizing to discharge its responsibility for test and operation of the experimental subsector. He emphasized the importance of understanding on the part of Lincoln Lab., JPO, ADES, and others concerning CRC's progress.

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

Memorandum 6L-203

UNCLASSIFIED

Page 2

3. Subsector Equipment Testing

E. S. Rich discussed the possible increased use of the Cape Cod System to supplement XD-1 particularly in testing input equipment and programs. He cited specifically Division 2 interest in testing height finders. The need for such use of the Cape Cod System was generally recognized; certainly input equipment must be thoroughly tested before attempting computer tracking tests with live airplanes. It was reported that R. P. Mayer and H. I. Rundquist are working with K. E. McVicar on test planning and D. R. Israel has plans for Cape Cod operational testing for coordination with XD-1. Rich raised the question of crosstesting between XD-1 and WWI. Dodd concurred that it would be advisable.

4. Status of Salary Review

R. R. Everett reported that Division 6 salary recommendations were forwarded to the Personnel Dept. and DDL, May 20. They will be studied by the Salary Review Board and submitted to the Executive Committee at their next meeting early in June. Group Leaders should be prepared to answer questions on individual cases during this review period.

5. QPR

C. W. Farr asked for comments concerning the QPR Procedure Memorandum issued May 19. Agreement was expressed and methods discussed of furnishing Group Leaders with editorial help by F. P. Hazel (on unclassified information only), by the Lincoln Publications Office, and (pending Hazel's clearance) by Farr. (Editorial note: Hazel has now received a yellow badge.)

Signed

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

CWF:rw

cc: Linvill, W. K.

~~CONFIDENTIAL~~