

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

SUBJECT: MINUTES OF THE IBM - L/L SO CONCURRENCE MEETING NO. 52 HELD
AT LINCOLN LABORATORY 19 JANUARY 1956

To: S. H. Dodd and N. H. Taylor

From: J. Giordano

Date: 23 January 1956

Approved: *R. D. Buzzard*
R. D. Buzzard



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* INDICATES COMPLETE MEMORANDUM

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.

Present:

<u>IBM</u>	<u>MIT</u>
W. S. Squire	R. D. Buzzard
R. C. Marden	J. Giordano
J. L. Coughlin	R. R. Shorey

The minutes of concurrence meeting No. 50, 6M-4095, was reviewed and approved.

Items Concurred

1. IM-67-3, Equipment List for XD-1 & XD-2, dated 22 December 1955 was reviewed and concurred with minor corrections spelled out in the concurrence letter. However, the final copy of IM-67-3 will include all changes and corrections spelled out in the concurrence letter.
2. P-207-2, Concurrence on Changes to XD-1 Console Equipment and Label Layouts, which deletes the operational standby Situation and Auxiliary Display Consoles, received concurrence intact.
3. S-17, Magnetic Tape Element Specifications for AN/FSQ-7, was reviewed and concurred. All changes and revisions compiled by IBM and MIT will be incorporated in the final copy of the S note.
4. S-29, General Display Specifications for AN/FSQ-7 Combat Direction Centers and AN/FSQ-8 Combat Central, received concurrence. Numerous changes have been made to the original draft, and they will be included in the final copy. Included in S-29 are provisions for deleting the Radar Display from the display cycle for AN/FSQ-8 and for modifications of the information transferred to the Manual Input System.
5. P-264, Additional Test Equipment for XD-1, received IBM-SO concurrence intact. The additional test equipment consists of a Rawson Meter Type 5012 and a Tektronic Type 190 Constant Amplitude Generator.
6. D-108, Concurrence on 6M-2921-3, Cooling System for AN/FSQ-7 Direction Centers, which presents basic design criteria for the cooling system which in turn effects the basic computer hardware design, received concurrence intact.
7. P-36-3, Concurrence on Modifications of H-139-A, which specifies all front and side frame panels will have edge-lit type, and all markings will appear white under ambient lighting and white when edge lit, received concurrence intact.

8. P-36-4, Concurrence on Change of the 19 Inch Charactrons in the Situation Display Consoles for XD-1, which will replace P-7 phosphor charactron tubes when their supply is exhausted with P-14 phosphor charactron tubes, received concurrence intact.
9. D-101-1, Concurrence on 6M-4106, Specifications for the AN/FSQ-8 Combat Control Central, dated 19 January 1956, received concurrence intact. Qualifying statements on this MRL appear in 6M-4106.

Items Dropped

1. P-253, Changes to the LRI Frame for XD-1, which proposed to display information in the LRI monitor without putting information on the LRI drums, was dropped due to its limited advantages in comparison with its cost.

Items Discussed

1. D-74-4, Draft of Specifications for Test Pattern Generator, was discussed and MIT comments were given to IBM.
2. IBM has requested the type and amount of phone line errors that are permissible in the processing of incoming data. This information will have a direct bearing on the writing of S-28, AN/FSQ-7 DDT Specifications.

The next concurrence meeting is scheduled for Thursday, 26 January 1956 at Poughkeepsie.

SIGNED:


J. Giordano

JG:jg