

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

SUBJECT: MINUTES OF THE IBM-DCO CONCURRENCE MEETING NO.66 HELD AT
LINCOLN LABORATORY 14 JUNE 1956

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

From: J. Giordano

Date: 25 June 1956

Approved:

J. D. Crane
J. D. Crane

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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.

1.0 Introduction

A concurrence meeting was held on 14 June 1956 at Lincoln Laboratory, Lexington, Mass. Those in attendance were:

<u>IBM</u>	<u>MIT</u>	<u>WE</u>
R. Eisele	J. D. Crane	J. Catharine
R. A. Imm	J. Giordano	
W. S. Squire	E. D. Smiley	

2.0 Agenda

2.1 Previous Minutes

The Minutes of the Concurrence Meetings Nos. 63, 64, and 65 require approval.

2.2 Duplex Agenda

2.2.1 Items for Concurrence

S-26-1, Change to Test Pattern Generator Specifications for AN/FSQ-7 Combat Direction Control and AN/FSQ-8 Combat Control Central; PH-57-23007, dated 11 May 1956.

2.2.2 Items for Discussion

1. Change to AN/FSQ-8 TD-RD drums.
2. S-19 Drum System Specifications for AN/FSQ-7 and AN/FSQ-8.
3. S-34 Internal Power Distribution Specifications for AN/FSQ-7 and AN/FSQ-8.

2.3 Prototype Agenda

2.3.1 Items for Concurrence

P-199-2 Change in Document P-199-1 Crosstell Parity Disable for XD-1 and XD-2 by R. W. Averyt dated 25 May 1956.

P-233-1 Change in Document P-233, IRI Monitor Consoles for XD-1.

P-216-2 Supplement to "Input and Output Converters for XD-1 P-216-1" by P. Longo dated 15 May 1956.

2.3.2 Items for Discussion

None

3.0 Minutes

3.1 Previous Minutes

The minutes of previous meetings were not discussed.

3.2 Duplex

3.2.1 Documents Concurred

The documents that are listed in this section received concurrence. Any reservations or comments are indicated in the description accompanying each document.

1. S-26-1; Change to Test Pattern Generator Specifications for AN/FSQ-7 Combat Direction Control and AN/FSQ-8 Combat Control Central PH 57-23007, dated 11 May 1956.
 - a. Description: Provision for telephone lines from output of pattern generator to Simplex data distribution unit.
 - b. Modifications, Comments and/or Objections: None.
 - c. Priority: Same as S-26.
 - d. Effect on (XD-1 and/or XD-2): None.
 - e. Machine Affected: AN/FSQ-7 & AN/FSQ-8.
 - f. Action: A Lincoln TIR is needed: an ECP may be required.

3.2.2 Documents Deferred

None.

3.2.3 Discussion

1. The question of IBM initiating a study to modify the RD drum on AN/FSQ-8's in order to be able to utilize fields of the RD drum for TD functions was discussed. IBM stated they would be available immediately for a preliminary study into this problem. The DCO will contact the AF and Group 61 of this situation.

2. S-19, Drum System Specifications was reviewed and comments were incorporated into the S-note. However, concurrence was deferred until MIT further investigated two points specified in the Draft of S-19.
3. S-34, Internal Power Distribution Specifications, was re-reviewed but not concurred due to a difference on a requirement spelled out in S-34. IBM & MIT Power groups will discuss this issue in order to resolve the difference.

3.3 Prototype

3.3.1 Documents Concurred

The documents that are listed in this section received concurrence. Any reservation or comments are indicated in the description accompanying each document.

1. P-216-2, Supplement to "Input and Output Converters for XD-1 P-216-1" by P. Longo dated 15 May 1956.
 - a. Description: This change will enable XD-1 to have automatic crosstabling with other control of the Sage System.
 - b. Modifications, Comments and/or Objections: Spares will not be ordered until this feature is operationally required.
 - c. Priority: To be installed at Manufacturers convenience.
 - d. Effect on Production: Not applicable.
 - e. Machine Affected: XD-1.
 - f. Action: An ECP is required.
2. P-233-1 "Change in Document P-233, LRI Monitor Consoles for XD-1".
 - a. Description: Change made to specify who provides and installs the additional line drivers for the production Monitors for use with the LRI Breadboard Control Frame.
 - b. Modifications, Comments and/or Objections: none.
 - c. Priority: Not applicable.

Memorandum 6M-4369

Page 5

- d. Effect on Production: Not applicable.
 - e. Machine Affected: XD-1
 - f. Action: Not applicable.
3. P-199-2 "Change in Document P-199-1 Crosstell Parity Disable for XD-1 and XD-2 by R. W. Averyt dated 25 May 1956.
- a. Description: Proposes only one parity disable switch for controlling both XTL Channel parity circuits.
 - b. Modifications, Comments and/or Objections: None.
 - c. Priority: Accomplished when P-199-1 is made.
 - d. Effect on Production: None.
 - e. Machine Affected: XD-1 only.
 - f. Action: A modification to ECP on P-199-1.

3.3.2 Documents Deferred

None

3.3.3 Discussion

None

JG:mf

SIGNED: _____

J. Giordano
J. Giordano