

Memorandum 6M-3291, Supplement 6

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

SUBJECT: SPECIFICATIONS FOR THE CENTRAL COMPUTER SYSTEM
FOR THE AN/FSQ-7, SUPPLEMENT 6

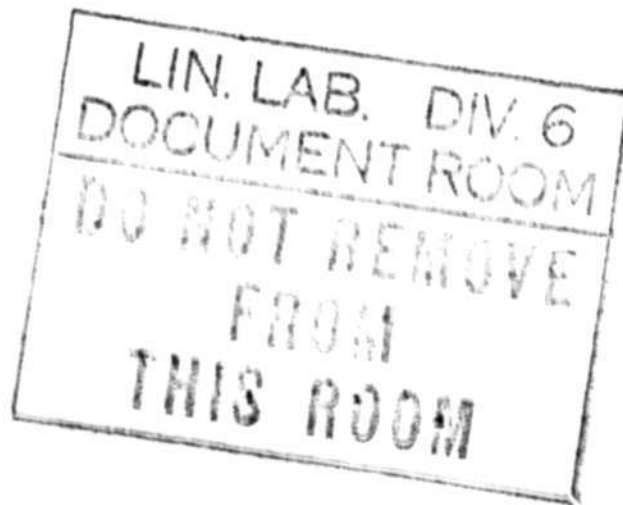
To: S. H. Dodd

From: E. L. Smiley

Date: 19 January 1956

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

Abstract: The AN/FSQ-7 and AN/FSQ-8 specifications for the central computer system as recommended by Lincoln Laboratory are listed in 6M-3291, (released by T.I.R. #1-57) and in 6M-3291, supplements 1, 2, 3, 4, and 5 (released by T.I.R.'s #1-66, 1-78, 1-93, 1-114, and 1-137). This supplement (Supplement 6) lists changes and modifications to the tape element specifications for AN/FSQ-7 Combat Direction Central and AN/FSQ-8 Combat Control Central.



1.0 INTRODUCTION

The specifications for the central computer system of the AN/FSQ-7 and AN/FSQ-8 are described by Lincoln Laboratory Memorandum 6M-3291, Specifications for the Central Computer System for the AN/FSQ-7, (released by T.I.R. #1-57) and supplements 1, 2, 3, 4, and 5 (released by T.I.R.'s #1-66, 1-78, 1-93, 1-114, and 1-137). Modifications to and changes in the specifications since the release of 6M-3291 and supplements 1, 2, 3, 4, and 5 are listed but not described in detail in this supplement (Supplement 6). "Concurrence" as used below means that Lincoln and IBM have agreed on the adequacy of the technical design specified in a particular document.

IBM has indicated that all concurred on specifications will be included in the initial AN/FSQ-7 and AN/FSQ-8 machines with the exception of those in which the statement "this change may be the subject of further negotiations between IBM and the Air Force" is included in the concurrence document. In this supplement Lincoln Laboratory change recommendations are made for those items which will not be included in the initial AN/FSQ-7 and AN/FSQ-8 machines. It is understood that all other items will be included initially.

2.0 SPECIFICATIONS

2.1 Tape Element Specifications

IBM document S-17, Tape Element Specifications for AN/FSQ-7 Combat Direction Central and AN/FSQ-8 Combat Control Central, PH57-21007, dated 23 December 1955, received concurrence as indicated in the document itself. This document is a rewrite and consolidation of the specifications for the tape elements. This document supersedes D-4-2, D-4-3, and D-76.


It is understood by Lincoln Laboratory that this specification will be incorporated in the initial AN/FSQ-7 and AN/FSQ-8 machines.

2.2 Program Element

IBM document S-14, Program Element Specifications for AN/FSQ-7 Combat Direction Central and AN/FSQ-8 Combat Control Central, PH57-21004, dated 8 November 1955, received concurrence as noted in the document itself. This document is a rewrite of the program element specifications to include clarifications and consolidates and supersedes the previous program element specifications as contained in IBM documents D-5, D-5-1, and applicable sections of D-19-2, D-21, D-42, D-45, and D-70. Lincoln

Laboratory understands that this document will be used as the specifications for the program element for the initial AN/FSQ-7 and AN/FSQ-8 machines.

SIGNED:


E. L. Smiley

ELS:ero

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