

Memorandum 6M-3793

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

SUBJECT: T.I.R. RELEASE OF OPERATIONAL SPECIFICATIONS
AND XD-1 EQUIPMENT SPECIFICATIONS

To: Staff of Groups 61, 62, 64, and 66

From: S. H. Dodd

Date: 28 July 1955

Approved: S. H. Dodd (ER)
S. H. Dodd

Abstract: Technical Information Releases will be used for equipment specifications and operational specifications for both the prototype and production machines.

At the present time, equipment specifications receive concurrence from IBM and the Division 6 Systems Office. A history highlighting the development of these equipment specifications with a Systems Office brief, the concurrence letter, and a draft of a proposed T.I.R. are circulated within Lincoln for Group Leader approval. The resulting T.I.R. then officially releases these specifications for use by other organizations. In the past, prototype equipment specifications have followed the same procedure except that the approval letter to IBM signed by Forrester or Everett has been substituted for the T.I.R. Beginning immediately concurrence documents for both the prototype and production machines including concurrence on equipment modifications will be released by T.I.R. procedures, and the approval letter will be discontinued.

Group 61 plans to concur on operational specifications with the resident ADC officers. These officers also participate in the generation of the operational specifications. Drafts of the operational specifications must be reviewed for compatibility between the operational and equipment specifications. Coordination of this activity is the responsibility of H. K. Rising of Group 61 and the Division 6 Systems Office. Equipment changes resulting from the operational specifications will be acted upon by the Systems Office and documented by Change Evaluation Requests (CER). As part of the CER procedure, IBM will be

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informed of equipment compatibility problems arising from operational specifications or changes thereto. The status of IBM-MIT concurrences will be indicated in the T.I.R. releasing the operational specification.

After Systems Office and Group 61 coordination and ADC concurrence, operational specifications will be processed by Group 66 through the T.I.R. procedure including obtaining the required approvals. Group 61 will keep the Division 6 PCO informed of the status of concurrences on operational specifications by issuing a periodic status report.

The PCO will use the status reports on equipment and operational specifications concurrences received from the Systems Office and Group 61 as an index of required T.I.R.'s. The PCO will be responsible for seeing that T.I.R.'s get issued for release on all concurred documents.

Signed: S. H. Dodd (T.P.)
S. H. Dodd

SHD:mfc

Reference: 6M-3751 "Concurrence Procedures for SAGE Operational Specifications" by J. A. Arnow and D. R. Israel