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Memorandum M-1226

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Project Whirlwind
Servomechanisms Laboratory
Massachusetts Institute of Technology
Cambridge, Massachusetts

SUBJECT: ADDITIONS TO PROJECT REPORTS OF CURRENT INTEREST, REPORT R-173-1

Date: June 8, 1951

This memorandum is an informal supplement to R-173-1. It lists several project reports issued since January 1, 1951. They are classified below according to the section of R-173-1 to which they apply.

No.	Title	No. of Pages	Date
<u>M-938-1 Circuits and Components</u>			
<u>A. Miscellaneous</u>			
E-397	Some Basic Relay Pulse Circuits of General Interest	11	1-18-51
E-401	Arc Suppression for Small Electrical Contacts	16	3-19-51
<u>C. Vacuum Tube Life</u>			
E-395	Cathode Interface Impedance and Its Effects in Aged Vacuum Tubes	5	1-2-51
E-400	The Vacuum Tube Pulse Current Tester	8	3-15-51
<u>G. Crystal Rectifiers</u>			
E-396	Crystal Diode Life Experience in WWI Computer Circuits	3	1-2-51
E-399	Comparison Between 1N56A and D-359 Crystals	2	2-21-51
<u>M-939-1 Storage</u>			
E-404	Plan for the Second Bank of Storage	7	4-4-51
R-195	Initial Testing of a Computer Electrostatic Storage System	63	4-23-51
M-1180	Data on Electron-Gun Currents in M.I.T. Storage Tubes May 1950 - February 1951	4	3-13-51

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<u>M-939-1 Storage (Con't.)</u>			
M-1199	Additional Storage Registers	1	4-11-51
M-1204	Second ST Bank; Outside Assembly	1	4-26-51
M-1218	Storage Stability Characteristics of the M.I.T. Electrostatic Storage Tube (Master's Thesis Proposal)	15	5-16-51
<u>Construction Techniques - Electrostatic Storage Tube</u>			
M-1146	Inspection of Glass Envelopes	3	1-5-51
M-1149	Materials for Electron Gun Construction	2	1-9-51
M-1185	Procedures for Initial (Static) Testing of a Storage Tube (FOR INTERNAL DISTRIBUTION ONLY)	13	3-22-51
<u>M-941-1 Mathematics</u>			
<u>C.. General and Theoretical</u>			
M-1213	The Linear Filtering of a Sampled Quantized Signal (Master's Thesis Proposal)	6	5-15-51
<u>M-942-1 Programming and Application Studies</u>			
<u>A. Basic Description</u>			
M-1156	Special Add Memory Clearing on Certain Orders	2	1-25-51
<u>M-943-1 Checking and Trouble Location</u>			
M-1171	Marginal Checking Controlled by Program: Preliminary Proposal	7	2-6-51
M-1186	Marginal Checking of In-Out Switch and D.C. In-Out Register	2	3-26-51
M-1194	Experiment Proposal for Programmed Marginal Checking (PMO)	7	4-4-51
M-1211	Procedure in Case of Failure of Commercial Power Service (FOR INTERNAL DISTRIBUTION ONLY)	5	5-8-51

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<u>M-944-1 Input and Output</u>			
M-1108	Special Display	2	10-4-50
M-1151	A Head for Static Reading of Magnetic Recordings (Master's Thesis Proposal)	12	1-19-51
M-1165	Guide to Preparation of Punched Paper Tapes (FOR INTERNAL DISTRIBUTION ONLY)	9	2-12-51
M-1166	Proposed Adaptation of Fairchild Recording Camera to WVI Oscilloscope Display System	2	2-13-51
M-1167	New Plan for In-Out Orders and In-Out Subroutines	20	2-16-51
M-1177	Interim Paper Tape Conversion and Input Programs	6	3-9-51
M-1195	Terminal Equipment Priorities	3	4-6-51
M-1196	Use of the Dumont-Land Scope Camera	2	4-10-51
M-1198	Preparation of Punched Tape for Conversion	3	4-17-51
M-1203	Proposed Variations in In-Out Element and In-Out Subroutines	6	4-27-51
M-1216	Procedures for Processing and Recording Punched Tape Computer Programs	10	5-17-51