

DIVISION 6 - LINCOLN LABORATORY
 MASSACHUSETTS INSTITUTE OF ~~TECHNOLOGY~~
 LEXINGTON 73, MASSACHUSETTS

Compilation of M Series Memoranda in Division 6 Document Room,
 Building C-129.

<u>No. 6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1	Procurement of Supplies	3-4-46	J. W. Forrester	U
2	Initialing of Approved Invoices	3-9-46	J. W. Forrester	U
3	Availability of Surplus Material at the Maspeth Annex	3-15-46	H. B. Morley	U
4	James Swett	3-18-46	J. W. Forrester	U
5	Interim Report on Scope Recorder	3-20-46	B. B. Driske	U
6	Simplified Equations of Motion: Model A Airplane	4-4-46	H. Fahnestock	U
7	Power Supplies	4-8-46	H. R. Boyd	U
8	Gaussian (Addition and Sub- traction) Logarithms	3-26-46	K. B. Tuttle	U
9	Conference with RCA Vacuum Tube Representatives, Messrs. J. H. Halgren, J. T. Wilson, and J. P. Driver on 3-3-46	4-24-46	J. W. Forrester	U
10	The ENIAC at University of Pennsylvania	4-29-46	J. W. Forrester	U
11	Approximation of Empirical Functions (Preliminary Inves- tigation)	4-24-46	K. B. Tuttle	U
12	Clarification of Some Points on Digital Computation	5-1-46	P. D. Tilton	U
13	Block Schematic Group	5-5-46	P. D. Tilton	U
14	Block Schematics	5-10-46	P. D. Tilton	U
15	S. D. Rich Submarine Signal	5-21-46	J. W. Forrester	U

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16	Cyclophon Tubes	5-21-46	J. W. Forrester	U
17	Dan Atchley, Sylvania	5-21-46	J. W. Forrester	U
18	Talk with Mr. S.D. Rich, Submarine Signal	6-10-46	D. R. Brown T. F. Wimet	U
19	Two-Stage Potentiometer Multiplier	6-12-46	R. L. Brown	U
20	Pulse shape Control Circuit, Drawing No. B-39052	7-1-46	J. W. Forrester	U
21	Low Frequency Demonstration Adder	7-18-46	L. D. Wilson	U
22	Single-trace Oscillograph	8-5-46	Electronics Research Group	U
23	Power Supplies	8-7-46	R. L. Brown	U
24	Activities of the Computer- Circuits, Switching and Elec- tronic Engineering Divisions for the month of August	9-9-46	D.R. Brown	U
25	Activities of the Computer- Circuits, Switching and Elec- tronic Engineering Divisions for the month of September	10-2-46	D. R. Brown	U
26	Storage Tube Program	10-28-46	J. W. Forrester	U
27	Activities of the Computer- Circuits, Switching, and Elec- tronic-Engineering Divisions for the month of October	11-5-46	D. R. Brown	U
28	Laboratory Cleaning	11-8-46	H. R. Boyd	U
29	Storage Tubes, Aluminum Oxide Surface	11-8-46	J. W. Forrester	U
30	Model I Storage Tube Tests	11-13-46	S. H. Dodd	U
31	Space Requirements - DIC 6345	11-14-46	J. W. Forrester	U
32	Numerical Solution Method	11-18-46	W. S. Loud	U
33	Prototype Computer Plans	11-20-46	H. Fahnestock	U

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34	Progress Report of Storage Tube, Model 1, as of November 19, 1946	11-20-46	P. Youtz	U
35	Preparation of Samples for Anodizing	11-20-46	J. O. Ely	U
36	Progress Report - Aluminum Oxide Surfaces	11-21-46	P. Youtz	U
37	Prototype Computer Meeting November 21st	11-22-46	H. Fahnestock	U
38	Test on Anodized Aluminum Surfaces	11-27-46	J. R. MacDonald	U
39	Students Engaged in Thesis Research Sponsored by DIC 6345	11-26-46	J. W. Forrester	U
40	Thesis Subjects	11-27-46	J. W. Forrester	U
41	Floor Space Required to Develop, Install and finally House the Aircraft Analyzer with Associated High-Speed Electronic Computer	11-29-46	J. W. Forrester	U
42	Storage Tube Research Program	12-9-46	J. W. Forrester	U
43	Pre-Prototype Status, Report	12-13-46	H. Fahnestock	U
44	Progress Report of Storage Tube Model 2 as of December 12, 1946	12-13-46	P. Youtz	U
45	Progress Report of Storage Tube Model 1 as of December 13, 1946	12-13-46	P. Youtz	U
46	Preparation of Metallic Coatings for Grid Structures	12-18-46	J. R. MacDonald	U
47	Pre-prototype Computer Meeting	12-17-46	H. Fahnestock	U
48	Potential Field Mapping	12-18-46	R. L. Brown	U
49	Outline of Dynamic Tests on Storage Tubes	12-19-46	S. Dodd W. J. Nolan P. Youtz	U
50	Progress Report on Storage Tube Model 3 as of December 19, 1946	12-19-46	P. Youtz	U

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51	Progress Report of Storage Tube Model 4 as of December 19, 1946	12-19-46	P. Youts	U
52	Notes and Block Diagrams for the Pre-Prototype Computer	12-27-46	R. Everett	U
53	Tool Color Code	1-2-47	H. R. Boyd	U
54	Students Engaged in Thesis Research Sponsored by DIC 6345	1-3-47	J. W. Forrester	U
55	Pre-Prototype Status Report	2-28-47	H. Fahnestock	U
56	Construction and Operation of an Electrolytic Flotting Tank	1-17-47	J. MacDonald	U
57	Floor Space Proposal	1-30-47	H. Fahnestock	U
58	Talk with Sylvania on Crystal Rectifiers January 31, 1947	2-6-47	D. R. Brown	U
59	Pre-Prototype Status Report	2-28-47	H. Fahnestock	U
60	Whirlwind I Notes	3-13-47	H. Fahnestock	U
61	Discussion of Numerical Methods	3-17-47	W. S. Lodd	U
62	The Project Whirlwind Program of Electronic Digital Computation	3-12-47	J. W. Forrester	U
63	Digital Computing Machine Logic	3-19-47	R. R. Everett	U
64	Mathematical Problems of High Speed Digital Computation	3-26-37	W. S. Loud	U
65	Solution of Simplified ASCA on WW-1	3-31-46	H. Fahnestock	U
66	High - Speed Digital-Computer Circuits	4-2-47	D. R. Brown	U
67	The Preparation and Testing of Anodized Aluminum Dielectric Surfaces	4-22-47	R. MacDonald	U

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68	Sylvania IN34 Germanium- Crystal Diode Back Conduction Characteristics	4-28-47	R. Palmiter	U
69	Digital Computer Block Diagrams	4-9-47	R. E. Everett	U
70	Data Storage in Three Dimensions	4-29-47	J. W. Forrester	U
71	Discussion of Determinants of Large Order by Professor Norbert Weiner	5-1-47	W. S. Loud	U
72	Deionization Characteristics of General Electric NE-2 Neon Lamp	4-29-47	R. Palmiter	U
73	Universal Film Handling Machine to be Designed by Eastman Kodak	5-5-47	J. W. Forrester	U
74	Project Whirlwind Aircraft cockpit Equipment	5-9-47	J. W. Forrester	U
75	High-Speed Gas Discharge Gaps for Data Storage in Electronic Computers	5-20-47	J. W. Forrester	U
76	Digital Computers in Science	5-9-47	J. W. Forrester	U
77	Use of D. C. Restorer Circuits as a Means of Eliminating D. C. Coupling in Digital Computer Circuits	5-28-47	R. F. Marbed	U
78	Solution of Equations with Minimum Error	6-2-47	W. S. Loud	U
79	Pulse Transformer for WWI	6-6-47	G. G. Hoberg	U
80	Gate Tubes in WWI	6-6-47	L. D. Wilson	U
81	Trip to Sylvania at Emporium to Initiate Development of Gate Tube	6-11-47	D. R. Brown L. D. Wilson	U
82	Sylvania Vacuum Tube Development	6-12-47	H. Palmestock	U

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83	Gating Problems and Proposed Tube	6-20-47	H. Fahnestock	U
84	Transfer of Papers between Building 32 and the Barta Building	6-27-47	S. M. Dodd	U
85	Recapitulation of Work Done Design of Cockpit Assembly	6-30-47	G. H. Graff	U
86	Development Schedule for the Storage Tube Group	7-8-47	S. Dodd P. Youtz	U
87	Secondary Emission of Solid Bodies by R. Kollath (Translation)	7-8-47	M. Florencourt	U
88	Gas-Discharged Gaps for Data Storage in Electronic Computers	-----	R. Markel	U
89	Mechanical to Binary Converter	7-22-49	H. Stabler	U
90	Secondary Emission of Pure Metals by R. Warnecke (Translation)	7-23-47	M. Florencourt	U
91	Terminology in AC Coupling	7-24-47	H. Fahnestock	U
92	Changes of Model 1 Crystal Tester	7-28-47	D. J. Crawford	U
93	*Black-out* Effect	8-5-47	J. O. Ely	U
94	Suggestions for Further Work	8-6-47	W. S. Loud	U
95	Report on Wiener's Ideas	8-11-47	W. S. Loud	U
96	Progress Report and Development Schedule of Storage Tube Work	8-15-47	P. Youtz S. Dodd	U
97	Summary of Reports and Memoranda to be Written Covering Current and Past Work	8-19-47	R. MacDonald	U
98	On the Secondary Emission Factor of Electron-Irradiated Insulators by H. Salow, Berlin (Translation)	8-25-47	M. I. Florencourt	U

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99	Precision Resistors for Use in Flip-Flops	8-26-47	J. O. Kly	U
100	M.A.A. Symposium on Computing Machines, Yale University September 2, 1947 10A.M.-12M.	8-3-47	E. Reich	U
101	Notes on Visit to Moore School, University of Pennsylvania on September 3, 1947	9-9-47	E. S. Rich	U
102	Storage Tube Program, Project Whirlwind	9-15-47	J. W. Forrester	U
103	Gate-Tube Development	9-17-47	D. R. Brown N. H. Taylor	U
104	Synchroscope Specifications, Request for	9-23-47	H. Fahnestock	U
105	Register Panel Schematic Changes (SD-39282-3, SD-39283, SD-39284-3)	9-25-47	D. Crawford	U
106	Proposed Program for Investigation of Magnetic Recording	9-26-47	E. S. Rich	U
107	Whirlwind I Research and Clean-up Assignments	9-30-47	H. Fahnestock	U
108	An Investigation into the reliability of the Capacitively-Coupled Flip-Flop, Bachelor's Thesis Proposal	2-21-48	W. Horton	U
109	Gate-Tube Research	10-2-47	D. R. Brown	U
110	IN34 Failures and Deterioration	10-3-47	H. Fahnestock	U
111	Block Diagram Work	10-6-47	R. Everett	U
112	AQUADAG	10-7-47	T. F. Clough	U
113	Block Diagram Priorities for Whirlwind I	10-9-47	H. Fahnestock	U
114	Changes in Drawings of Restorer Pulse Generation	10-8-47	H. Kenosian	U

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115	Standards for Fastening Shaft-Mounted Parts by means of Involute Splines	10-14-47	E. Prohaska	U
116	Second Trip to Emporium	10-20-47	D. Brown	U
117	Control Desk, Whirlwind I	10-17-47	J. Forrester	U
118	Preliminary Specification for Tube Type SR-1030	10-17-47	D. Brown	U
119	6AG7 Life Test Results and Revisions	10-21-47	R. L. Best	U
120	Rectifier Soldering Test	10-25-47	R. L. Ellis	U
121	Progress Report as of October 20, 1947 and Development Schedule of Storage Tube Group from October 20, 1947 to November 15, 1947	10-20-47	P. Youtz W. Nolan S. Dodd	U
122	AC Line Voltage in Barta Building	10-21-47	H. Fahnestock	U
123	Additional Registers for Whirlwind I	10-22-47	R. Everett	U
124	Location of Target from Combined Observation	10-21-47	P. Franklin	U
125	Proposed Video Amplifier for P-5 Synchronoscope	10-28-47	R. Massard	U
126	Deflection Circuit Demonstrators	10-27-47	J. O. Kly	U
127	Checking	10-27-47	R. Everett	U
128	Supplement to Memorandum M-119: 6AG7 Life Test Results	10-28-47	R. L. Best	U
129	Whirlwind I Trouble Shooting, Comments on Memorandum M-123	10-28-47	J. W. Forrester	U
130	Storage Tube Program, Project Whirlwind Extracts from M-102 Dated September 15, 1947	11-5-47	J. W. Forrester	U
131	Tube Types for Whirlwind I	11-1-47	D. R. Brown	U

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132	Vacuum Tube Estimate for WWI	11-7-47	D.R. Brown	U
133	Pulse Transformers, Review of Development	11-5-47	G.G. Hoberg	U
134	Alphabetical Information in Whirlwind Computers	11-13-47	R. Everett	U
135	Block Diagrams, Electrostatic Storage	11-10-47	R. Everett	U
136	Accumulation of Products in the Whirlwind I Computer	11-10-47	R. Everett	U
137	Computer Codes for Whirlwind I	11-4-47	R. Everett	U
138	Flip-Flop Life Test Rack Run No. 2	11-10-47	J. O'Brien	U
139	Automatic Sprinkler and Fire Alarm System-Barta Building	11-10-47	W. C. Bohn	U
140	Introduction to Vol. 4....SR-2	11-10-47	not issued	
141	Introduction to Vol. 7....SR-2 (Block Diagrams)	"	"	
142	Introduction to Vol. 8....SR-2 (Mathematics)	"	"	
143	Introduction to Vol. 9....SR-2 (Storage Tubes, Part I)	"	"	
144	Introduction to Vol. 10....SR-2 (Storage Tubes, Part II)	"	"	
145	Introduction to Vol. 11....SR-2 (Input & Output Part I)	"	"	
146	Introduction to Vol. 12....SR-2 (Input & Output Part II)	"	"	
147	Introduction to Vol. 13....SR-2 (System Drawings)	"	"	
148	Introduction to Vol. 14....SR-2 (Aircraft Simulation)	"	"	
149	Introduction to Vol. 15....SR-2 (Crystal, Flip-Flop Circuits & AC Coup.)	"	"	

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150	Introduction to Vol.16...SR-2 (Vacuum Tubes)	11-10-47	not issued	
151	Introduction to Vol.17...SR-2 (High-Speed Switches)	"	"	
152	Introduction to Vol.18...SR-2 (Pulse Transformers)	"	"	
153	Introduction to Vol.19...SR-2 (Test Equipment & Misc. Cir- cuits)	"	"	
154	Introduction to Vol. 20 of 22 (Iconoscope Studies)	"	"	
155	Introduction to Vol. 21...SR-2 (Pulsed Lights, Part I)	"	"	
156	Introduction to Vol. 22...SR-2 (Pulsed Lights, Part II)	"	"	
157	Output Typewriter - Printer Unit for Whirlwind I	11-3-47	R. Everett	U
158	Block Diagram, Input and Out- put	11-10-47	R. Everett	U
159	Storage Tube Summary	11-10-47	S. Dodd W. Nolan P. Youtz	U
160	Mathematical Work of Project Whirlwind	11-12-47	P. Franklin	U
161	Checking by Check Problems	11-13-47	R. Everett	U
162	Design and Testing of and Electrostatic Storage Tube (Masters Thesis Proposal)	11-17-47	W. Nolan	U
163	A Capacitively-Coupled Flip- Flop	11-28-47	A. Horton	U
164	Progress Report as of November 17, 1947 and Development Sche- dule of Storage Tube Group from November 17 to November 20, 1947	11-17-47	P. Youtz W. Nolan S. Dodd	U

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165	Introduction to Vol.1..SR-2 (The Whirlwind Program Part I)	11-10-47	not issued	
166	Introduction to Vol.2..SR-2 (The Whirlwind Program Part II)	11-10-47	not issued	
167	Electrolytically Produced Oxide Protective Layers on Aluminum	11-20-47	M. Florencourt	U
168	New Investigations on the Electrolytic Valve Effect	11-26-47	M. Florencourt	U
169	New Investigations on the Electrolytic Valve Effect	11-26-47	M. Florencourt	U
170	Index to Project Whirlwind Publications	11-26-47	H. Fahnestock	U
171	The Siemens-Schuckert Vacuum Evaporation Methods Applied to Large First Surface Mirrors	11-28-47	M. Florencourt	U
172	The Motion of the Ionic Lattices of Dielectrics in Extreme Electric Field Intensities	12-1-47	M. Florencourt	U
173	Standard Test Equipment	12-4-47	J. W. Forrester	U
174	On the Dielectric Constant of and Oxide, Hydroxide and Oxhydrate	12-4-47	M. Florencourt	U
175	Hydraulic Servomechanism for Cockpit Tilting	12-5-47	M. Florencourt	U
176	Methods of Numerical Integration of Ordinary Differential Equations most suitable for use by Whirlwind I and Whirlwind II	12-9-47	M. Daniloff	U
177	Comments on E-78	12-9-47	J. O. Ely	U
178	Fire Insurance Inspection of the Barta Building December 5, 1947	12-5-47	H. R. Boyd	U
179	Meeting at Eastman Kodak's Hawk Eye Plant, December 4, 1947	12-11-47	D. R. Brown	U

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180		Comments on E-78		12-11-47	J. O'Brien	U
181		Comments Requested by E-78 and M-173 on Proposed Standard Test Equipment		12-12-47	H. Kenosian	U
182		Changes in Restorer Pulse Generator		12-18-47	H. Kenosian	U
183		Conference--Drafting, Airconditioning and Whirlwind I Arrangement		12-12-47	J. W. Forrester	U
184		Design and Testing of and Electrostatic Storage Tube		11-7-47	W. Nolan	U
185		Bi-Weekly Report, Part I December 15, 1947		12-15-47	J. W. Forrester	U
186		Bi-Weekly Report, Part II December 15, 1947		12-15-47	J. W. Forrester	U
187		Purchasing and Receiving on Account 6447		12-15-47	J. Proctor	U
188		Meeting Held by Electronics Group December 10, 1947		12-16-47	N. Taylor	U
189		Comments on E-78		12-15-47	D. Brown	U
190		Life Test of Storage Surfaces Suitable for Electrostatic Storage Tubes		11-14-47	H. Heydt	U
191		Comments on E-78		12-18-47	W. Nolan	U
192		Flip-Flop Life Test Rack-Run No. 3		12-18-47	J. O'Brien	U
193		Comments on E-78 and M-173 "Proposed Standard Test Equipment"		12-18-47	N. Taylor	U
194		Meeting of Electronics Group, December 17, 1947		12-18-47	J. O'Brien	U
195		Design and Testing of an Electrostatic Storage		12-26-47	W. Nolan	U
196		Paint Schedule, Barta Building		12-22-47	H. Tonsing	U

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197	Space and Power for WWI Electrostatic Storage	12-26-47	J. O. Ely	U
198	Input- Output Register Panel Space	12-29-47	D. Brown	U
199	Cabinets for Whirlwind I	12-29-47	D. Brown	U
200	Circuits for Marginal Checking	12-31-47	J. W. Forrester	U
201	Whirlwind I Installation Conference	12-31-47	H. Fahnestock	U
202	Bi-Weekly Report, Part I, December 26, 1947	1-2-48	J. W. Forrester	U
203	Bi-Weekly Report, Part II, December 26, 1947	1-2-48	J. W. Forrester	U
204	Decoupling	1-5-48	H. Fahnestock	U
205	Meeting of Electronics Group December 31, 1947	1-6-48	J. O'Brien	U
206	Numerical Solution of Systems of Simultaneous Linear Algebraic Equations by Elimination Methods	1-8-48	E. Reich	U
207	Meeting of Electronics Group, January 7, 1948	1-9-48	H. Kenosian	U
208	An Investigation into the Reliability of the Capacitively-Coupled Flip-Flop, Bachelor's Thesis Proposal.	2-21-48	W. Horton	U
209	Bi-Weekly Report, Part I January 9, 1948	1-12-48	J. W. Forrester	U
210	Bi-Weekly Report, Part II January 9, 1948	1-12-48	J. W. Forrester	U
211	Request for Activities Report	1-12-48	H. Morley	U
212	Life Test of Storage Surfaces Suitable for Electrostatic Storage Tubes	12-10-47	H. Haydt	U

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213	Project Whirlwind Seminar Schedule January 12 to February 18, 1948	1-14-48	R. Everett	U
214	Meeting of Electronic Group, January 16, 1948	1-19-48	J. O'Brien	U
215	Air Conditioning for WWI	12-12-47	J. Forrester	U
216	Electrostatic Forces and Deflection of Storage Meshes	1-21-48	P. Franklin	U
217	Description of WWI Codes	1-22-48	C. W. Adams	U
218	Production Quantities of Whirlwind I Units	1-23-48	H. Fahnestock	U
219	Whirlwind I Drawing Pro- cedures Note to Sylvania	1-23-48	H. Fahnestock	U
220	Bi-Weekly Report, Part I January 23, 1948	1-27-48	J. W. Forrester	U
221	Bi-Weekly Report, Part II January 23, 1948	1-27-48	J. W. Forrester	U
222	D. C. Voltages Required for WWI	1-29-48	C. Watt	U
223	Air Conditioning for WWI	1-29-48	J. Proctor	U
224	A Method of Direct Measure- ment of Secondary Electron Emission at Insulators	1-29-48	M. Florencourt	U
225	Theory of Secondary Electron Emission from Metals by Herbert Frohlich	2-2-48	M. Florencourt	U
226	Floor Loading for WWI Computer Room	2-2-48	R. Hunt	U
227	Vacuum Tube Life Data	3-5-48	J. O'Brien	U
228	Whirlwind I Preliminary Time Schedules	3-3-48	H. Fahnestock	U
229	Meetings of Electronics Group January 26 and 28, 1948	1-30-48	J. O'Brien	U

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230	Notes on AQUADAG	2-4-48	F. Caswell T. Clough	U
231	Eastman Conferences of December 23, 1947 and January 20 and 21, 1948	2-4-48	H. Boyd	U
232	Measurement of 7 AK7 Characteristics at Emporium, February 2, and 3, 1948	2-6-48	D. R. Brown	U
233	Meeting to Discuss Storage Tube Output Systems, February 5, 1948	2-6-48	C. Campbell	U
234	Visit of Mr. R. L. Snyder	2-9-48	J. W. Forrester	U
235	Vacuum Tube Life Tests	2-9-48	J. W. Forrester	U
236	Flip-Flop Storage Arrangement	2-9-48	H. Fahnestock	U
237	Bi-Weekly Report, Part I February 6, 1948	2/9/48 1-2-48	J. W. Forrester	U
238	Bi-Weekly Report, Part II February 6, 1948	2-9-48	J. W. Forrester	U
239	Order of Combination of Arithmetical Operations for Minimum Round-Off Error	2-13-48	E. Reich	U
240	A New Order for Finding Characteristics	2-13-48	P. Franklin	U
241	Comments on Program Register Demonstration Panel	2-17-48	H. Fahnestock	U
242	Twin Triodes	2-17-48	H. Fahnestock	U
243	Proposal for Deflection Circuit Development	2-17-48	J. O. Ely	U
244	Project Whirlwind Seminar Schedule February 16 to March 10, 1948	2-18-48	R. Everett	U
245	Bi-Weekly Report, Part I, February 20, 1948		J. W. Forrester	U

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246	Bi-Weekly Report, Part II, February 20, 1948		J. W. Forrester	U
247	A Capacitively-Coupled Flip-Flop	12-19-47	A. Horton	U
248	Design and Testing	12-19-47	J. Nolan	U
249	Meeting of Electronics Group, February 13, 1948	2-25-48	J. O'Brien	U
250	Notes on Visit to Fort Bliss, Texas, White Sands Proving Grounds, New Mexico, and Hol- loman Air Force Base, New Mexico February 17 to 21, 1948	3-1-48	E. S. Rich	U
251	Standards Committee Meeting on Power Connectors for WWI	3-2-48	H. Fahnestock	U
252	Proposal for Investigation of Storage Tube Output-Circuits	3-3-48	C. Campling	U
253	Vacuum Tubes, Raytheon	3-2-48	J. W. Forrester	U
254	Neon Indicators and Sockets	3-4-48	H. Fahnestock	U
255	Engraving of Whirlwind I Panels	3-4-48	H. Fahnestock	U
256	Form of Change Notices	3-4-48	H. Fahnestock	U
257	B-Register Layout, Sylvania Drawing No. W60ER00-2	3-4-48	H. Fahnestock	U
258	7AK7 Construction	3-5-48	H. Fahnestock	U
259	Lock-In Tube Sockets	3-4-48	J. W. Forrester	U
260	Communications between the Servomechanisms Laboratory and Sylvania	3-4-48	H. Fahnestock	U
261	WWI Flip-Flop Storage Layout Authorization	3-5-48	H. Fahnestock	U
262	Power Supplies and Distribu- tion, Conference	3-4-48	J. W. Forrester	U
263	WWI Specification Distribution	3-5-48	H. Fahnestock	U

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264	Eastman Conference, March 2, 1948	3-5-48	H. R. Boyd	U
265	Visit to Sylvania on February 24, 1948	2-25-48	C. Watt	U
266	Accumulator Prototype Construction Authorization	3-5-48	H. Fahnestock	U
267	Bi-Weekly Report, Part I March 5, 1948	3-5-48	J. W. Forrester	U
268	Bi-Weekly Report, Part II March 5, 1948	3-5-38	J. W. Forrester	U
269	Design Data Needed by Sylvania to Complete Rack Design	3-9-48	C. Watt	U
270	Thesis Proposal and Progress Reports	3-8-48	J. W. Forrester	U
271	High Speed Pulse Recording on Magnetic Tape	3-13-48	E. S. Rich	U
272	Use of Termination Notices at the Barta Building	3-9-48	H. R. Boyd	U
273	Creep Test of 5 th Anodized Storage Surface	3-10-48	R. Shaw	U
274	Crystal-Rectifier Requirements	3-10-48	D. Brown	U
275	Meeting of Electronics Group, February 20 and 26, 1948	3-10-48	N. Taylor	U
276	Tube Construction and Test Program of the Storage Tube Group	3-15-48	W. Nolan S. Dodd P. Youtz	U
277	Layout of Program Counter	3-10-48	H. Fahnestock	U
278	Proposal-Multiplier Cabling	3-10-48	H. Fahnestock	U
279	Layout of Program Register	3-10-48	H. Fahnestock	U
280	Bus Driver Panels	3-10-48	H. Fahnestock	U
281	Layout of Check Register	3-11-48	H. Fahnestock	U
282	Power Supply Change	3-11-48	H. Kenosian	U

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283	B-Register Prototype Drawing Authorization	3-11-48	H. Fahnestock	U
284	Power Fusing	3-12-48	C. Watt	U
285	Power Supply Proposal No. 1	3-12-48	H. Boyd	U
286	Handling of Sylvania Drawings	3-15-48	C. Watt	U
287	Project Whirlwind Seminar March 10 to April 14	3-16-48	R. Everett	U
288	Crystal Tester Construction	3-15-48	H. Fahnestock	U
289	A Storage-Tube Output System	3-20-48	C. Camping	U
290	Holder-Gun Research Tubes	3-15-48	M. Florencourt	U
291	Modification of Program Counter	3-16-48	H. Fahnestock	U
292	Requirements for Voltage Variation Panels	3-16-48	C. Watt	U
293	Meeting of Electronics Group, March 5, 1948 Design Problems of Arithmetics Element Control	3-16-48	C.C. Sumner	U
294	Proposed Panel-Selection Circuit	3-16-48	E.S. Rich	U
295	Investigation of 7AK7 Processing, Emporium Pennsylvania March 2, 1948	3-16-48	T. Clough D. Brown P. Youtz	U
296	Arithmetic Control Design and Construction	3-17-48	H. Fahnestock	U
297	Designation of Video Jacks on Circuits Schematics	3-17-48	C. Watt	U
298	Pulse Transformer Delivery	3-17-48	H. Fahnestock	U
299	Whirlwind I Heater Grounds	3-17-48	H. Fahnestock	U
300	Flip-Flop Storage Tube Program	3-17-48	H. Fahnestock	U
301	Approval of Components for WWI	3-18-48	C. Watt	U
302	Quantity of Aluminum Channel Required for WWI Installation	3-18-48	C. Watt	U

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303	Photographs of Storage Tube Program	3-18-48	M. Florencourt	U
304	Whirlwind I Standards Construction of Test Equipment	3-19-48	H. Fahnestock	U
305	A Trouble Location Scheme for A Digital Electronic Computer	5-1-48	E. Blumenthal	U
306	Overloading of Neon Indicator Lamps in Basic Circuit IND-I	3-22-48	J. Hunt	U
307	Sylvania Prints to M. I. T.	3-19-48	A. Falcione	U
308	History of Secondary Emission	3-22-48	H. L. Heydt	U
309	Flip-Flop Storage Layout	3-22-48	H. Fahnestock	U
310	Bi-Weekly Report Part I March 19, 1948		J. W. Forrester	U
311	Bi-Weekly Report Part II March 19, 1948		J. W. Forrester	U
312	Power Cabling, Proposal No. 1	3-26-48	H. S. Lee	
313	Proposed Elevating Test Truck for WWT	3-23-48	R. E. Hunt	U
314	Corrections and Changes on Basic Circuits BA-4 and GG-1	3-23-48	J. A. O'Brien	U
315	Bus Driver Panel Layout	3-22-48	H. Fahnestock	U
316	A Register Prototype Drawing Approval	3-25-48	H. Fahnestock	U
317	High-Speed Pulse Recording on Magnetic Tape	3-31-48	E. S. Rich	U
318	Investigation of Electronic Computer Output Circuits	3-27-48	F.A. Foss	U
319	Arithmetic Control and AC-0 Preliminary Notice of Work Load	3-24-48	H. Fahnestock	U
320	Pulse Transformer Test Unit	3-24-48	R. Everett	U
321	Meeting of the Electronics Group, March 18 and 19, 1948	3-25-48	J. O'Brien	U

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322	Additional Voltage Requirements for WWI	3-26-48	C. Watt	U
323	Purchase Approvals	3-29-48	H. Boyd	U
324	Filament Transformers WWI	3-26-48	W.S. Rogers	U
325	Underwriters Approval	3-26-48	W.S. Rogers	U
326	WWI Rack Door Material	3-31-48	R. E. Hunt	
327	Arithmetic Control Time Schedules	3-31-48	H. Fahnestock	U
328	Double Length Operations in WWI	3-31-48	C. W. Adams	U
329	Modification of Basic Circuit IND-1	4-2-48	J. M. Hunt	U
330	WWI Control: Time Schedules	4-1-48	H. Fahnestock	U
331	Bi-Weekly Report, Part I April 2, 1948		J. W. Forrester	U
332	Bi-Weekly Report, Part II April 2, 1948		J. W. Forrester	U
333	Investigation of Electronic Computer Output Circuits	4-7-48	F. A. Foss	U
334	Wedge Sleeve Clamp for BNC Connectors	4-5-48	R. Hunt	U
335	A Trouble-Location Scheme for a Digital Electronic Computer R #3	5-1-48	E. Blumenthal	U
336	A Trouble-Location Scheme for a Digital Electronic Computer R #2	4-1-48	G. Hoberg	U
337	A Storage-Tube Output-System Report #2	5-20-48	C. Campling	U
338	Flip-Flop Storage Output Prototype Drawing Authorization	5-5-48	H. Fahnestock	U
339	WWI Rack Door Material	5-5-48	J. Forrester	U

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340	B-Register Prototype Drawing Approval	5-6-48	H. Fahnestock	U
341	Trip to Power Equipment Company, Detroit, Michigan, on March 29, 1948	5-6-48	H. R. Boyd	U
342	Standards Committee Approval of Mechanical Parts Designed by Sylvania	4-7-48	C. Watt	U
343	17S Dural Channel	4-7-48	C. Watt	U
344	Machining of Nickel	4-7-48	R. Shaw	U
345	Binary to Binary-Decimal Conversion	4-8-48	C. W. Adams	U
346	Power Supply Proposal No. 2	4-8-48	H. Boyd	U
347	Receptionist and Guard Duties	12-7-48	J. C. Proctor	U
348	Conversion of Binary Pulse Code to Voltage Amplitude M.T. Proposal	4-6-48	E. Sard	U
349	An Investigation into the Reliability of the Capacitively-Coupled Flip-Flop		W. Horton	U
350	An Investigation into the Reliability of the Capacitively-Coupled Flip-Flop		W. Horton	U
351	Meetings of the Electronics Group, March 26 and April 2, 1948	4-8-48	J. O'Brien	U
352	Whirlwind I Control Desk, Proposal No. 1		J. W. Forrester	U
353	Signal- Plate Assembly for ST25	4-13-48	R. Shaw	U
354	Control Drawings	4-13-48	H. Fahnestock	U
355	WWI Panels, Provision for Spare Tubes	4-13-48	H. Fahnestock	U
356	Whirlwind I Panel Wiring Diagrams	4-13-48	H. Fahnestock	U

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357	Investigation of Electronic Computer Output Circuits	5-20-48	F. A. Foss	U
358	Time Pulse Distributor- Counter Panel: Circuit Schematic Corrections	4-14-48	H. Fahnestock	U
359	Bus Driver Phototype Drawing Authorization	4-14-48	H. Fahnestock	U
360	Drafting Requirements	4-15-48	A. Fallcione	U
361	Vacuum-Tube Life Tests Proposal	4-15-48	J. O'Brien	U
362	Grounding System for WWI	4-14-48	C. Watt	U
363	Bi-Weekly Report, Part I April 16, 1948		J. W. Forrester	U
364	Bi-Weekly Report, Part II April 16, 1948		J. W. Forrester	U
365	Accumulator, Zero Digit	4-16-48	H. Fahnestock	U
366	Layout of Panels to Permit Proper Cooling of Tubes and Components	4-20-48	C. Watt	U
367	A Storage-Tube Output System	5-20-48	C. Campling	U
368	Control Pulse Output Prototype Authorization	5-21-48	H. Fahnestock	U
369	Program Register Prototype Drawing Authorization	4-21-48	H. Fahnestock	U
370	Electronics Devices with a High Emission of Secondary Electrons	4-21-48	M. Daniloff	U
371	Flip-Flop Register Prototype Drawing Approval	4-22-48	D. L. Stevens	U
372	Time Pulse Distributor- Output Panel Layout Authorization	4-23-48	H. Fahnestock	U
373	Meeting of the Electronics Group, April 16, 1948	4-23-48	E. Rich	U
374	Test Procedures for WWI Tubes	4-23-48	N. Taylor	U

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375	Construction of A Second Tube Tester	4-26-48	D. Brown	U
376	Back Ground Bus	4-27-48	H. S. Lee	U
377	Project Whirlwind Seminar Schedule April 26 to May 26	4-27-48	R. Everett	U
378	Temporary Sylvania Numbers for WWI	4-28-48	A. Falcione	U
379	Voltage Regulation Proposal	4-27-48	C. R. Weiser	U
380	WWI Dynamic Analysis of D. C. Load	4-26-48	R. Mayer	U
381	Time Pulse Distributor, Counter Panel Layout Authorizati on	4-28-48	H. Fahnestock	U
382	Accumulator Schedule	4-28-48	H. Fahnestock	U
383	Video Layouts and Mechanical Drawings for Accumulator	4-28-48	C. Watt	U
384	Discussion of Proposed Flip-Flop Register	4-28-48	H. Kenosian	U
385	Variable-Frequency Clock-Pulse Generator, Model 12	4-26-48	H. Kenosian	U
386	6345 Personnel			
387	WWI Video Cabling	4-29-48	H. Fahnestock	U
388	Time Pulse Distributor, Counter Panel; Design Changes	4-30-48	H. Fahnestock	U
389	Bi-Weekly Report, Part I, April 30, 1948		J. W. Forrester	U
390	Bi-Weekly Report, Part II, April 30, 1948		J. W. Forrester	U
391	Painting of Panels for WWI	4-30-48	C. Watt	U
392	Signal Plate Assembly for ST-26 (Second 5" Storage Tube)	4-30-38	R. Shaw	U
393	Signal Plate Assembly for St-27 (Third 5" Storage Tube)	5-30-48	R. Shaw	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
393	Signal Plate Assembly for ST-27 (Third 5" Storage Tube)	5-30-48	R. Shaw	U
394	Conference with Eastman at M.I.T., April 21 and 22, 1948	5-3-48	D. Brown H. Boyd	U
395	Distillation in Vacuo from a Right Cylindrical Toroid	6-9-48	M. Daniloff	U
396	Preliminary Accumulator Test Specifications	5-5-48	N. Taylor	U
397	Ohmmeter Schedule for Checking WWI Accumulator Panels	5-12-46	H. Ziegler	U
398	Cathode-Follower Probe	5-5-48	D. R. Brown	U
399	Master Clock Drawings	5-5-48	H. Fahnestock	U
400	Program Counter-Modification of Layout	5-5-48	H. Fahnestock	U
401	Check Register Checking	5-5-48	R. P. Mayer	U
402	Panel-Selection Circuit Pro- posal, No. 2	5-6-48	E. S. Rich	U
403	Five-Digit Multiplier Cables	5-6-48	H. Fahnestock	U
404	Relays for Voltage Variation Panels	5-7-48	C. Watt	U
405	Coupling Circuits for a Storage Tube Output System Report No.4	5-20-48	C. Campling	U
406	Cross Index of New England Trans- former Company Numbers to M.I.T. S7, 193 Specification Numbers, and Factory Test Specifica- tions	5-11-48	H. B. Morley	U
407	Power Supplies for Sylvania Testing	5-11-48	R. L. Massard	U
408	Check Register, Layout Changes	5-12-48	H. Fahnestock	U
409	Time Pulse Distributor, Output Panel Video Layout Approval	5-12-48	H. Fahnestock	U
410	Meeting of the Electronic Group, April 23 and May 7, 1948	5-12-48	S. Dodd	U

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411	Control Pulse Delays	5-12-48	J. A. O'Brien	U
412	Multiplier Failure (Report No. 1)	5-13-48	N. Daggett	U
413	Check Register Checking	5-11-48	R. P. Mayer	U
414	Tube Socket Contact Material	5-13-48	C. Watt	U
415	Register Drivers and Video Cabling	5-14-48	H. Fahnestock	U
416	Bi-Weekly Report, Part I May 14, 1948		J. W. Forrester	U
417	Bi-Weekly Report, Part II May 14, 1948		J. W. Forrester	U
418	Evaporation Tube ET-35	5-14-48	R. Shaw	U
419	Flip-Flop Storage Output Prototype Drawing Approval	5-17-48	H. Fahnestock	U
420	Switches	5-17-48	R. E. Hunt	U
421	R. F. Choke Specifications	5-17-48	C. Watt	U
422	Power Supply Proposal No.3	6-1-48	H. R. Boyd	U
423	Switching Time in Program Counter	5-18-48	R. Everett	U
424	Toggle Switch Storage: Switch Location	5-19-48	H. Fahnestock	U
425	Operation Matrix S600M00, Z600M00-1	5-19-48	H. Fahnestock	U
426	Register Drivers	5-19-48	R. Everett	U
427	7AK7 Pin Contact	5-19-48	D. Brown	U
428	Fuse Indication Panel Pro- totype Construction Autho- rization	5-20-48	C. Watt	U
429	Control Switch Drawing T69CS00-4 Approval	5-20-48	H. Fahnestock	U
430	Coaxial Cable Production In- spection	5-20-48	H. Fahnestock	U

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431	Time Pulse Distributor Counter Panel Connections	5-20-48	H. Fahnestock	U
432	Time Pulse Distributor Counter Power Connections	5-20-48	H. Fahnestock	U
433	Program Counter Revised Circuit Schematic	5-20-48	H. Fahnestock	U
434	Storage Holding Stability Tests	5-21-48	J. W. Forrester	U
435	Temperature Effects on Cathode Resistance of Aged 6AG7 Tubes	5-24-48	J. O'Brien	U
436	Test Equipment Calibration		H. R. Boyd	U
437	Filament Connections for 3E29'S	5-24-48	H. Fahnestock	U
438	Request for Information about Power Feed to the Control Ele- ments	5-24-48	C. Watt	U
439	Register Design Changes	5-25-48	H. Fahnestock	U
440	Coder	5-25-48	H. Kenosian	U
441	Program Register, Possible Omission of	5-25-48	R. Everett	U
442	Register Driver Type 1, Layout	5-26-48	H. Fahnestock	U
443	Twin Triode Change in WWI	5-26-48	H. Fahnestock	U
444	Continuous Self-Sustained Oscillations Occurring in a Multivibrator of the Abraham- Bloch Type	5-14-48	E. Blumenthal M. Daniloff	U
445	Electrolytic Tank	5-27-48	A. Curtiss	U
446	An Investigation into the Re- liability of the Capacitively- Coupled Flip-Flop	6-24-48	W. Horton	U
447	Bi-Weekly Report, Part I May 28, 1948		J. W. Forrester	U
448	Bi-Weekly Report, Part II May 20, 1948		J. W. Forrester	U

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449	An Investigation into the Reliability of the Capacitively-Coupled Flip-Flop		W. Horton	U
450	Power and Indicator Connections to Panels	5-28-48	C. Watt	U
451	Evaporation Tubes ET36 and ET 39	5-28-48	R. Shaw	U
452	Theory of the Action of an External Electromotive Force upon a Trigger Circuit (Electronic Relay)	6-2-48	E. Blumenthal M. Daniloff	U
453	Selection of a Test Equipment Truck for WWI	6-3-48	R. Hunt	U
454	7AD7 Substitution for 6AG7 in WWI	6-3-48	H. Fahnestock	U
455	Restorer Pulse Generator , Layout, Correction	6-4-48	H. Fahnestock	U
456	Accumulator Prototype	6-4-48	H. Fahnestock	U
457	Addition to Check Register	6-4-48	H. Fahnestock	U
458	Pulse Mixer	6-8-48	C. Rowland	U
459	Indicator and Voltage Variation Panel Details	6-8-48	C. W. Watt	U
460	Time Schedules	6-8-48	H. Fahnestock	U
461	Video Cabling Method Approval	6-9-48	C. W. Watt	U
462	Spare Tubes, Provision for	6-9-48	H. Fahnestock	U
463	Control Pulse Output Unit Production Drawing Approval	6-9-48	H. Fahnestock	U
464	The "Hard" Regime of Self-Excited Relaxation Oscillations of a Generator (or a Multivibrator of the Abraham-Bloch Type)	6-10-48	E. Blumenthal	U
465	Proposal for Restorer-Pulse Distribution	7-7-48	G. Heberg	U

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466	Rack Drawing Approval	6-9-48	C. Watt	U
467	Time Pulse Distributor, Counter Panel, Layout Approval	6-9-48	H. Fahnestock	U
468	Register/Program Register Production Release	6-10-48	H. Fahnestock	U
469	Evaporation Tube ET 45	6-11-48	R. Shaw	U
470	Bi-Weekly Report, Part I June 11, 1948		J. W. Forrester	U
471	Bi-Weekly Report, Part II June 11, 1948		J. W. Forrester	U
472	Filament Transformers, WWI	6-11-48	H. Lee	U
473	Proposal for Monitoring	6-11-48	N. Taylor	U
474	Study of the Occurrence of "Jumps" in Non-Linear Systems	6-14-48	E. Blumenthal M. Daniloff	U
475	Bus Driver Prototype Drawing Approval	6-14-48	H. Fahnestock	U
476	Frequency Divider Video Layout	6-14-48	H. Fahnestock	U
477	Proposed Register Panel	6-11-48	H. Kenosian	U
478	Circuit Schematic Component Serial Numbers	6-15-48	A. M. Falcione	U
479	Production Drawings for WWI Units Construction at M.I.T.	6-28-48	A. M. Falcione	U
480	Restorer Pulse Generators; Revision	6-16-48	H. Fahnestock	U
481	ST 32A	6-16-48	P. Youtz	U
482	Thermal Expansion of Al and Al ₂ O ₃ Layer	6-16-48	H. Klemperer	U
483	6345 Personnel List			
484	Voltage Variation Panels	6-16-48	C. Watt	U
485	Input-Output and Comparison Registers	6-16-48	E. Rich	U

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486	Program Register and A-Register Similarity	6-16-48	E. Rich	U
487	Toggle-Switch Storage: Switch Location	6-16-48	E. Rich	U
488	Life Tests on Beryllium Storage Surface	6-17-48	H. Heydt	U
489	Secondary Emission Measurements on Beryllium Storage Surface	6-17-48	H. L. Heydt	U
490	In-Out Register, Omission of Manual Resets	6-17-48	R. Everett	U
491	Space for Storage Tube Group	6-17-48	R. Everett	U
492	Substitute for Delay Counter	6-17-48	R. Mayer	U
493	Warpage of Signal Plates	6-16-48	R. Shaw	U
494	7AK7 Tubes, Conference with E. Butler	6-18-48	H. Fahnestock	U
495	Fuse Indications Panel Production Drawing Approval	6-18-48	C. Watt	U
496	A Register/Program Register Crystal Rectifiers	6-18-48	H. Fahnestock	U
497	Prototypes of WWI Panels	6-18-48	H. Fahnestock	U
498	Program Counter Prototype Drawing Authorization	6-18-48	H. Fahnestock	U
499	Discussion of 7AK7 Production, Emporium, Pennsylvania June 15, 1948	6-18-48	D. R. Brown	U
500	Fabrication of Power Cables	6-21-48	H. S. Lee	U
501	Holding Gum Stability Tests on ST28-1	6-16-48	J. S. Rochefort	U
502	Meeting of Electronics Group 4, 11 and 18, 1948	6-21-48	J. J. O'Brien	U
503	B Register/In-out Register, Production Release	6-25-48	H. Fahnestock	U
504	Painting 7" Channel	6-24-48	C. Watt	U

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505	Revision in Program Timing	6-24-48	E. Blumenthal	U
506	Changing Graded Drawings of WWI Units Built at M. I. T.	6-24-48	H. Fahnestock	U
507	WWI Time Schedule Conference	6-24-48	H. Fahnestock	U
508	Bi-Weekly Report, Part I June 25, 1948		J. W. Forrester	U
509	Bi-Weekly Report, Part II June 25, 1948		J. W. Forrester	U
510	Eastman Conference, June 24, 1948	6-28-48	H. R. Boyd	U
511	6AG7 Life Tests	6-25-48	H. Fahnestock	U
512	Trouble Location in a Large Scale Electronic Digital Com- puter Thesis Proposal	6-6-48	G. Sumner	U
513	Power Feed to the Control Elements of WWI	6-28-48	E. Blumenthal	U
514	Frequency Divider Video Layout Correction	6-30-48	H. Fahnestock	U
515	Operation Matrix Driver Layout Approval	6-30-48	H. Fahnestock	U
516	WWI - Meters	7-1-48	W. S. Rogers	U
517	Design of a Holding Gun for use in Storage Tubes	6-2-48	H. Klemperer	U
518	Storage Tube Testing	6-2-48	S. H. Dodd	U
519	Program of Mathematical Ob- jectives	6-7-48	P. Franklin	U
520	Rack Ground Bus	6-7-48	H. S. Lee	U
521	High Speed Pulse Recording on Magnetic Tape- Report No.3		E. S. Rich	U
522	High Speed Pulse Recording on Magnetic Tape- Report No.4		E. S. Rich	U
523	High Speed Pulse Recording on Magnetic Tape -Report No. 5		E. S. Rich	U

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524	The Application of Newton's Method to Functional Equations, Reports of the Academy of Science	6-7-48	M. Daniloff	U
525	Control Pulse Output Unit Production Release	6-7-48	H. Fahnestock	U
526	B-Register/In-Out Register Revised Drawing Approval	6-7-48	H. Fahnestock	U
527	Calibration of a 13E Eimac as an Ionization Gauge	6-7-48	J. McCusker	U
528	Control Switch Drawing Approval	6-7-48	H. Fahnestock	U
529	Instruction Booklets for Test Equipment	6-8-48	R. Rathbone	U
530	Bi-Weekly Report, Part I July 9, 1948		J. W. Forrester	U
531	Bi-Weekly Report, Part II July 9, 1948		J. W. Forrester	U
532	Parts List Distribution	6-13-48	C. Watt	U
533	Decimal to Binary Conversion for WWI Input	6-15-48	C. Adams	U
534	Fuse Indication Panel, Prototype Approval	6-13-48	C. Watt	U
535	Symposium on Numerical Methods of Analysis in Engineering Illinois Institute of Technology, Chicago, May 7, 1948	6-13-48	E. Reich	U
536	Fixed Voltage Switching Panels, Layout Approval	6-13-48	C. Watt	U
537	Operation Matrix Change Approval	6-13-48	H. Fahnestock	U
538	Frequency Divider Layout Approval	7-14-48	H. Fahnestock	U
539	Digit Interlock Panel, Layout Approval	7-14-48	C. Watt	U

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540	Overhead Wireway Drawing Approval	7-14-48	C. Watt	U
541	Standard Test Specifications for WWI	7-20-48	C. Watt	U
542	B-Register/ In-Out Register Video Layout Revision Approval	7-12-48	H. Fahnestock	U
543	Restorer Pulse Generator, Lay-out Approval	7-21-48	H. Fahnestock	U
544	Conference on Installation Problems, WWI	7-21-48	H. S. Lee	U
545	Correspondence; M. I. T. and Sylvania on WWI Design	7-21-48	H. Fahnestock	U
546	Synchronizer Design Proposal	7-21-48	J. A. O'Brien	U
547	Design of RT 34 Holding Gun	7-21-48	H. Klempner	U
548	6345 Personnel			
549	Comment on the Two-Register Method	7-22-48	C. W. Adams	U
550	Check and Comparison Register Layout	7-22-48	H. Fahnestock	U
551	Visit to Power Equipment Company on July 2 and 12, 1948	7-22-48	H. R. Boyd	U
552	Bi-Weekly Report, Part I July 23, 1948		J. W. Forrester	U
553	Bi-Weekly Report, Part II July 23, 1948		J. W. Forrester	U
554	Eastman Conference of July 13	7-27-48	H. R. Boyd	U
555	Demonstration of the Transistor at Bell Laboratories	7-27-48	E. S. Rich	U
556	Electronics Group Meeting, June 25, July 2, 9, and 16, 1948	7-27-48	J. O'Brien	U
557	Material Requisition Sheet	7-28-48	C. Watt	U
558	Installation of Permanent Fixtures for WWI	7-29-48	C. Watt	U

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559	Bus Driver Production Release	7-29-48	H. Fahnestock	U
560	Clock Pulse Control Authorization	7-29-48	H. Fahnestock	U
561	Register Driver Type II Layout Authorization	7-29-48	H. Fahnestock	U
562	Voltage Variation Panel, Prototype Approval	7-30-48	C. Watt	U
563	Holding Gun Stability Tests on St 32 (June 3, to July 9, 1948)	7-29-48	J. Rochefort	U
564	Rack Modification for Power Bay	8-4-48	R. E. Hunt	U
565	Storage-Tube Output-System Thesis Proposal	2-17-48	C. Campling	U
566	Reproduction of Trigger Tube Input Admittance Parasitic Oscillators in Trigger Tubes	8-4-48	J. Hunt	U
567	Bi-Weekly Report, Part I August 6, 1948		J. W. Forrester	U
568	Bi-Weekly Report, Part II August 6, 1948		J. W. Forrester	U
569	Register Driver, Type 1, Modifications	8-6-48	H. Fahnestock	U
570	Guard Schedule	8-6-48	F. Cowie	U
571	Guard Schedule	8-6-48	F. Cowie	U
572	Approval of Rack Fuse and Terminal Strips	8-9-48	H. S. Lee	U
573	Control Switch Output Panel Layout Approval	8-9-48	H. Fahnestock	U
574	Review of Power Requirements for the 15 and 30 Volt Supplies WWI	8-10-48	H. S. Lee	U
575	Recent Studies of Evaporation Techniques	8-6-48	R. Shaw	U
576	Resistance Measurements on Beryllium Evaporated Targets	8-12-48	M. Florencourt	U

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577	Time Card Checking	8-12-48	E. Weil	U
578	Control Switch: Switch Panel, GT, and Switch Panel, FF; Layout Approval	8-12-48	H. Fahnestock	U
579	Control Switch, Indicator Panel; Layout Approval	8-13-48	H. Fahnestock	U
580	E-136m E-131 and E-137, Comments	8-19-48	J. W. Forrester	U
581	Location of D. C. Filter Panel	8-20-48	H. S. Lee	U
582	Flip-Flop Design Change	8-20-48	H. Fahnestock	U
583	A-Register Zero-Digit Video Layout Approval	8-20-48	H. Fahnestock	U
584	Trouble Location in a Large Scale Digital Computer Report No. 1	8-24-48	G. C. Sumner	U
585	Bi-Weekly Report, Part I August 20, 1948		J. W. Forrester	U
586	Bi-Weekly Report, Part I August 20, 1948		J. W. Forrester	U
587	Pulse Generator, Layout Approval	8-23-48	J. O'Brien	U
588	The Divide Control	8-23-48	N. Daggett	U
589	Fixed-Voltage Switching Panels, Production Testing	8-24-48	C. W. Watt	U
590	Control Switch and Storage Switch Drawing	8-24-48	J. A. O'Brien	U
591	Restorer Pulse Generator Change	8-24-48	J. A. O'Brien	U
592	Sylvania- MIT Meeting August 25, 1948	8-26-48	C. W. Watt	U
593	Trouble Location in a Large Scale Electronic Digital Computer Report No. 2	9-10-48	G. Sumner	U

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594	The Multiplier Error Detector	8-26-48	N. L. Daggett	U
595	Register Driver Type 1 Layout Approval	8-27-48	N. H. Taylor	U
596	Critical Temperature of Condensation of Atomic Metallic Vapors	8-30-48	M. Daniloff	U
597	Television "Readout" of Storage Surface, Part 1, System Setup	8-30-48	R. L. Sission	U
598	Circuit Research, Present and Future Work	8-27-48	D. R. Brown	U
599	6345 Personnel List	9-1-48		
600	Mounting Holes for D.C. Filter Panel Bracket	9-1-48	H. S. Lee	U
601	Revision of Control Switch Block Schematic T60CS00-4	9-2-48	J. A. O'Brien	U
602	Standard Power Connectors, WWI	9-3-48	H. S. Lee	U
603	Trip to David Taylor, Model Basin	9-3-48	E. Reich	U
604	Bi-Weekly Report, Part I, September 3, 1948		J. W. Forrester	U
605	Bi-Weekly Report, Part II September 3, 1948		J. W. Forrester	U
606	Fuse Indication Panels, Test Specifications	9-8-48	C. Watt	U
607	Marking of Neon Light Bracket on Panels	9-8-48	C. Watt	U
608	Trouble Location in a Large-Scale Electronic Digital Computer, Report no. 3	10-1-48	G. Sumner	U
609	Proposed Five-Digit Multiplier Marginal Checking Installation	9-9-48	E. S. Rich	U
610	Fuse Strip for Power Rack P-1	9-9-48	H. S. Lee	U
611	The Dispersion of the Holding Gun Beam within the Collector to Target Surface Field	8-30-48	J. S. Rochefort	U

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612	Accumulator Circuit Schematic	9-10-48	H. Fahnestock	U
613	Digit Interlock & Fixed Voltage Switching Panels, Revision of Schedule	9-13-48	C. W. Watt	U
614	Authorization of Pass-out Slips on Saturday Morning	9-15-48	J. C. Proctor	U
615	Bi-Weekly Report, Part I, September 17, 1948		J. W. Forrester	U
616	Bi-Weekly Report, Part II September 17, 1948		J. W. Forrester	U
617	931-A Life Test	9-20-48	W. Nolan	U
618	Test Equipment for Production Testing of WWI Panels	9-21-48	H. Kenosian	U
619	Installation of Equipment and Wiring in Computer Room	9-20-48	C. W. Watt	U
620	Cable Terminating Resistors	9-21-48	H. Kenosian	U
621	Check and Comparison Register Layout Approval	9-20-48	J. A. O'Erien	U
622	Register Driver, Type II, Layout	9-21-48	H. Fahnestock	U
623	Present Status of Test Equipment	9-22-48	H. Kenosian	U
624	Video Busses for WWI	9-27-48	C. W. Watt	U
625	6345 Personnel			
626	Staff Indoctrination Program	9-29-48	J. C. Proctor	U
627	Automatic Trouble-Location Scheme for a Digital Electronic Computer, Report No. 1	5-20-48	C. Hoberg	U
628	Automatic Trouble-Location Scheme for a Digital Electronic Computer, Report No. 1	5-1-48	E. Blumenthal	U
629	Conferences at Power Equipment Company, Detroit, August 13 and September 28, 1948	8-30-48	H. R. Boyd	U

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630	Bi-Weekly Report, Part I October 1, 1948	10-1-48	J. W. Forrester	U
631	Bi-Weekly Report, Part II October 1, 1948	10-1-48	J. W. Forrester	U
632	Correspondence; M.I.T. and Sylvania on WWI Design	10-1-48	H. Fahnestock	U
633	Clock Pulse Control Addition of a Tube to Circuit Schematic	10-4-48	J. A. O'Brien	U
634	Eastman Conference on September 29, 1948	10-1-48	J. A. O'Brien	U
635	Test on A-Register Digit Panel Serial #14	10-4-48	R. Gould	U
636	Accumulator; Deviation from Specification	10-5-48	H. Fahnestock	U
637	B-Register/ In-Out Register De- viation from Specification	10-6-48	H. Fahnestock	U
638	Flip-Flop Storage Output Pro- duction Release	10-7-48	H. Fahnestock	U
639	Flip-Flop Storage Output Pro- duction Release	10-7-48	H. Fahnestock	U
640	Block Diagrams	10-8-48	A. Falcione	U
641	Television Read-Out of Storage Surfaces	10-8-48	R. L. Sisson	U
642	Elimination of Special Restorer Pulse Line	10-11-48	J. Salzer	U
643	Thesis Students, Project Whirlwind	10-11-48	R. Everett	U
644	Renumbering of WWI Operation Codes	10-11-48	R. P. Mayer	U
645	Register Driver Type II, Quan- tity Required	10-15-48	H. Fahnestock	U
646	Video Cabling, Conference of October 15, 1948	10-19-48	C. W. Watt	U

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647	Bi-Weekly Report, Part I October 15, 1948		J. W. Forrester	U
648	Bi-Weekly Report, Part II October 15, 1948		J. W. Forrester	U
649	Some New Orders for WWI	10-18-48	C. W. Adams R. P. Mayer	U
650	Sylvania Correspondence with M. I. T.	10-18-48	H. Fahnestock	U
651	Toggle Switch Storage Layout Approval	10-18-48	J. A. O'Brien	U
652	Toggle Switch Storage Output E-32721-1	10-19-48	J. A. O'Brien	U
653	Restorer Pulse Generator	10-19-48	H. Fahnestock	U
654	Control Switch Indicator Panel, Layout Approval	10-19-48	J. A. O'Brien	U
655	Operation Matrix, Installation of Crystals	10-19-48	H. Fahnestock	U
656	Register-Driver Type II Produc- tion Release	10-20-48	H. Fahnestock	U
657	Scope Photographs	10-20-48	H. Fahnestock	U
658	Storage Holding Stability Test on RT 36	9-29-48	N. Zimbel	U
659	The Problem of Scale Factor as Applied to Non-Simulator Prob- lems	10-20-48	J. W. Carr	U
660	Time Pulse Distributor Output Deviation From Specifications	10-21-48	H. Fahnestock	U
661	Tube Development by the G.E. Company	10-22-48	E. Rich	U
662	Test Equipment Summary	10-22-48	N. Taylor	U
663	Permanent Guard Schedule	10-22-48	F. Cowie	U
664	Video Cabling Detail Marking	10-26-48	C. Watt	U

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665	Standard Switch Setting for WWI	11-8-48	C. W. Adams	U
666	Accumulator, Zero Digit	10-28-48	H. Fahnestock	U
667	Summary of Storage Tube Tes- ting May 1- October 26, 1948	10-28-48	J. S. Rochefort C. Corderman	U
668	Bi-Weekly Report, Part I, October 29, 1948	10-29-48	J. W. Forrester	U
669	Bi-Weekly Report, Part II, October 29, 1948	10-29-48	J. W. Forrester	U
670	6345 Personnel			
671	Clock Pulse Control: Layout Approval	11-1-48	J. O'Brien	U
672	Priority for Tube Construction	11-2-48	P. Youtz	U
673	Tests on Storage Tube 37	11-2-48	R. Sisson	U
674	Panel Engraving Drawings	11-4-48	A. Falcione	U
675	Cancelled			
676	Model 1 Storage Tube	11-3-48	S. Dodd W. Nolan	U
677	Drawings for Reports, Memos, Etc.	11-3-48	A. Falcione	U
678	Inspection of Material	11-5-48	H. Fahnestock	U
679	Guard Schedule	11-5-48	F. Cowie	U
680	Barta Building Parking Facili- ties	11-5-48	J. Proctor	U
681	Approval of Test Specifications for Digit Interlock & Voltage Variation Panels	11-5-48	C. Watt	U
682	Partial List of Wiring Instal- lation Computer Room	11-9-48	C. Watt	U
683	Bi-Weekly Report, Part I November 12, 1948	11-12-48	J. W. Forrester	U

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684	Bi-Weekly Report, Part II November 12, 1956	11-12-48	J. W. Forrester	U
685	Program Counter Production Release	11-12-48	H. Fahnestock	U
686	Deviation from Specifications: Fuse Strip, Register Driver, Type L, Control Switch Frequency Di- vider; Time Pulse Distributor Counter	11-12-48	J. W. Forrester	U
687	Storage Group Organization		R. Everett	U
688	Priorities for Tube Construc- tion	11-16-48	P. Youtz	U
689	The Effects of Non-Uniform Holding Beam Velocity on Sig- nal Stability	11-4-48	W. Nolan	U
690	Auxiliary and Bias Interlock Panel	11-17-48	H. Lee	U
691	A Dual-Triode Capacitively- Coupled Flip-Flop, Master's Thesis Research Proposal	11-15-48	M. Hayes	U
692	RT-41	11-17-48	W. Nolan	U
693	Video Busses	11-17-48	C. Watt	U
694	Redirection of Test Equipment Forms	11-18-48	R. Everett	U
695	ST-48 Construction and Pro- cessing	11-17-48	M. Florencourt	U
696	RG-58/U Cable Fitting	11-18-48	C. Watt	U
697	WMI Cabinet Allocation Revi- sions	11-18-48	H. Fahnestock	U
698	Proposal for New Orders	11-22-48	R. Mayer J. Salzer	U
699	Conference on Operator's Console	11-23-48	C. Watt	U
700	Vacuum-Tube Studies and Flip- Flop Circuits	11-23-48	J. O'Brien	U

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701	Vacuum-Tube Studies and Flip-Flop Circuits	11-23-48	J. O'Brien	U
702	Measurement of Velocity and Intensity Distribution of Electrons in the High Velocity and Holding Beam of the Storage-Tube	11-22-48	H. Klemperer	U
703	Video Cabling Schedules, Forms and Drawing Numbers	11-24-48	C. Watt	U
704	Thyratron Control of A. C. Spot Welder for Storage-Tube Assembly	11-3-48	H. Klemperer	U
705	End Carry for Point Off	11-24-48	R. Mayer G. Hoberg	U
706	Bi-Weekly Report, Part I, November 26, 1948	11-26-48	J. W. Forrester	U
707	Bi-Weekly Report, Part II, November 26, 1948	11-26-48	J. W. Forrester	U
708	Barta Building Security Alarm System	11-24-48	J. Proctor	U
709	A Low Speed Analogue for Analysis of Flip-Flops, Master's Thesis Proposal	11-29-48	J. Hunt	U
710	New Orders in WWI; Effects on Construction	11-26-48	H. Fahnestock	U
711	Storage-Tube Group Editor	11-15-48	S. Dodd	U
712	Storage Tube Publication	11-26-48	S. Dodd	U
713	Pulse Transformers on Whirlwind Panels	11-29-48	G. Hoberg	U
714	ST 53: Construction and Processing	11-29-48	M. Florencourt	U
715	Check Register / Comparison Register, Production Release	11-29-48	H. Fahnestock	U
716	Video Cable Drawings	11-30-48	C. Watt	U
717	6345 Personnel	12-1-48		

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718	GT08 Check Register	12-1-48	J. Salzer	U
719	Video Cable Drawings, WWI	12-1-48	A. Falcione	U
720	Synchronization with the Synchronizer	12-2-48	J. Salzer	U
721	Materials Control Group Procurement Office Procedures	12-2-48	H. Morley	U
722	Special Clear and Computer Complement	12-2-48	J. Salzer	U
723	Deviations of Arithmetic Element Video Cabling	12-7-48	R. Murch	U
724	ST53: Test Results	12-2-48	M. Florencourt	U
725	Sylvania Tracings, Delivery to M. I. T.	12-7-48	H. Fahnestock	U
726	The Dispersion Action of the Collector	12-6-48	J. Rochefort	U
727	ST47	12-7-48	M. Florencourt	U
728	Power Panels, Marking of	12-7-48	H. Fahnestock	U
729	Initial Testing of ST29	12-9-48	C. Corderman	U
730	Bi-Weekly Report, Part I, December 10, 1948	12-10-48	J. W. Forrester	U
731	Bi-Weekly Report, Part II December 10, 1948	12-10-48	J. W. Forrester	U
732	Tolerances for Video Cable Lengths	12-14-48	R. Murch	U
733	Meeting at Eastman Kodak Company	12-13-48	J. A. O'Brien	U
734	A Dual-Triode Capacitively-Coupled Flip-Flop Report No.1	12-17-48	M. H. Hayes	U
735	Letter to Sylvania Electric	12-16-48	H. Fahnestock	U
736	Christman and New Years Guard Schedule	12-17-48	F. Cowie	U
737	Changes in Test Storage Switch	12-17-48	J. Salzer R. Mayer	U

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738	Alteration of Clock Pulse Control	12-17-48	R. Mayer	U
739	Storage-Tube 54: Construction, Processing and Testing	12-14-48	M. Florencourt	U
740	Potential Fields and Electron Trajectories in the Holding Gun	12-20-48	H. E. Rowe	U
741	Special Display	12-21-48	J. Salzer R. Mayer	U
742	ST41 Tests	12-22-48	H. Rowe	U
743	Bi-Weekly Report, Part I, December 24, 1948	12-24-48	J. W. Forrester	U
744	Bi-Weekly Report, Part II, December 24, 1948	12-24-48	J. W. Forrester	U
745	Use of RG-58/U Cable in WWI	12-28-48	C. Watt	U
746	List of Test Equipment			
747	High Repetition Rate Write-Read Unit	12-20-48	N. Zimbal	U
748	Register Driver Type 1, Power Connector Changes	1-4-49	H. Falmestock	U
749	6345 Personnel			
750	Representation of Delays in Block Diagrams	1-4-49	J. Salzer	U
751	Bends in Video Cable	1-4-49	C. Watt	U
752	Bi-Weekly Report, Part I, January 7, 1948	1-7-49	J. W. Forrester	U
753	Bi-Weekly Report, Part I, January 7, 1948	1-7-49	J. W. Forrester	U
754	Holding Beam Trajectories and Potential Fields in the Storage-Tube	1-7-49	H. Rowe	U
755	A Dual-Triode Capacitively-Coupled Flip-Flop, Report No. 2	12-31-48	M. Hayes	U

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756	Development of a Low-Speed Analogue for Flip-Flop	1-7-49	J. Hunt	U
757	WWI Panels, Turret Lug Marking	1-11-49	H. Fahnestock	U
758	Shop Orders	1-12-49	Production Control	U
759	WWI Power Plug Connectors	1-13-49	H. Fahnestock	U
760	Testing of Storage-Tube 45	1-18-49	A. Ballard	U
761	Development of a Low-Speed Analogue for Flip-Flop Report No. 2	1-26-49	J. Hunt	U
762	Pulse Transformers	1-20-49	H. Fahnestock	U
763	Bi-Weekly Report, Part I, January 21, 1949	1-21-49	J. W. Forrester	U
764	Bi-Weekly Report, Part II, January 21, 1949	1-21-49	J. W. Forrester	U
765	Eastman Conference- January 25, 1949	1-26-49	H. Boyd	U
766	Anodizing Procedure	12-30-48	J. Palermo	U
767	Development of a Low-Speed Analogue for Flip-Flop Report No. 3	2-4-49	J. Hunt	U
768	Navy Logistics: Note for Members of the ONR Committee Studying the Application of Computers	2-4-49	W. Welchman	U
769	Tube Characteristic Drawings	2-1-49	A. Falcione	U
770	6345 Personnel	2-1-49		
771	Changing Graded Drawings of One-of a kind Units for WWI	2-1-49	A. Falcione	U
772	Sylvania-M.I.T. Design Correspondence	2-2-49	H. Fahnestock	U
773	Computer Shut Down	2-3-49	H. Fahnestock	U
774	Tube-Conferences-January 31,	2-2-49	E. Rich	U

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775	Bi-Weekly Report, Part I, February 4, 1949	2-4-49	J. W. Forrester	U
776	Bi-Weekly Report, Part II, February 4, 1949	2-4-49	J. W. Forrester	U
777	Control Switch Output Drawing Changes	2-4-49	H. Fahnestock	U
778	WWI Production Engineering As- signments	2-8-49	C. Watt	U
779	Testing of Storage Tubes ST40 and ST48	2-1-49	C. Corderman	U
780	Study of Checking and Trouble Location Methods	2-10-49	J. W. Forrester	U
781	A Dual-Triode Capacitively- Coupled Flip-Flop Report No. 3	3-1-49	M. Hayes	U
782	Return of Templates and Jugs	3-1-49	H. Fahnestock	U
783	Envelope Daggging	2-10-49	J. Palermo	U
784	Test Controls	2-14-49	R. Everett	U
785	The Solution of Power Network Performance on Large-Scale Computers		P. Fox	U
786	Physical Electronics Seminar- February 9, 1949	2-15-49	E. Rich	U
787	Life Test of Storage Surfaces Suitable for Electrostatic Sto- rage-Tubes, Master's Thesis Proposal	9-25-47	H. Heydt	U
788	Suggestions for Mental of Manual Binary Conversion	2-16-49	C. Adams	U
789	Bi-Weekly Report, Part I, February 18, 1949	2-18-49	J. W. Forrester	U
790	Bi-Weekly Report, Part II, February 18, 1949	2-18-49	J. W. Forrester	U
791	Tube-Life Investigations	2-21-49	E. Rich	U
792	Tables of Binary and Decimal numbers	2-23-49	C. W. Adams	U

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793	Production Meetings	2-23-49	H. Fahnestock	U
794	Conference on Vacuum-Tube Problems February 17, 1949	2-2-49	E. Rich	U
795	6345 Personnel			
796	Bi-Weekly Report, Part I, March 4, 1949	3-4-49	J. W. Forrester	U
797	Bi-Weekly Report, Part II, March 4, 1949	3-4-49	J. W. Forrester	U
798	A Capacitively-Coupled Flip-Flop, Master Thesis Proposal	10-15-47	A. Horton	U
799	Preparing Circuit Schematics for Drafting	3-14-40	A. Falcione	U
800	The Solution of Power Network Performance on Large-Scale Digital Computers Report No.2		P. Fox	U
801	Conference at RCA on Vacuum-Tube Life	3-16-49	E. Rich	U
802	Report on a Visit to Bell Telephone Laboratories Concerning the Transistor March 14, 1949	3-14-49	R. Sisson	U
803	Program Counter Quantities	3-17-49	H. Fahnestock	U
804	Summary of Accumulator Test Results	3-17-49	G. Sumner	U
805	Bi-Weekly Report, Part I, March 18, 1949	3-18-49	J. W. Forrester	U
806	Bi-Weekly Report, Part II March 18, 1949	3-18-49	J. W. Forrester	U
807	Decimal to Binary Conversion Program	3-18-49	C. W. Adams	U
808	Specifications for Video Amplifier and Probe	3-18-49	R. Rathbone	U
809	Control Desk Push Buttons	3-21-49	J. O'Brien	U
810	Proposed Modifications of Existing Deflection-Voltage Generator for Use in Special Display	3-23-49	A. Susskind	U

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811	Check Register Video Cabling	2-23-49	R. Murch	U
812	Standardizer Amplifier, Design and Construction	3-24-49	H. Fahnestock	U
813	Program Register, Use as Storage Register	3-24-49	R. Everett	U
814	M. S. Thesis in Servomechanisms		J. Pierson	U
815	Test Operation Precautions	3-24-49	H. Frost	U
816	Typing of Ditto Masters and Reproduction thereof	3-28-49	A. Falcione	U
817	Selection of Voltage Variation Circuits	3-25-49	C. Watt	U
818	In-Out Control	3-29-49	J. A. O'Brien E. S. Rich J. M. Salzer R. R. Everett	U
819	Checking Methods- Use of Check Register	3-30-49	N. Taylor	U
820	Systems Operation, Trouble Location	3-30-49	N. Taylor	U
821	Non-Standard Primary Power Connectors	3-31-49	H. Lee	U
822	WWI Panel Assignment	3-31-49	H. Fahnestock	U
823	6345 Personnel			
824	Charts for Temperature Computations	3-24-49	R. Shaw	U
825	Bi-Weekly Report, Part I, April 1, 1949	4-1-49	J. W. Forrester	U
826	Bi-Weekly Report, Part II April 1, 1949	4-1-49	J. W. Forrester	U
827	Summary of B-Register/In Out Register Test Results	4-4-49	G. Sumner	U
828	In-Out Orders	4-5-49	J. Salzer	U
829	Glossary of Storage-Tube Terms and Addition to Glossary of Computer Terms	4-6-49	M. Florencourt S. Dodd	U

No.6M	Title	Date	Author	Cls.
830	High-Speed Gas Discharge Gaps for Data Storage in Electronic Computers, Master Thesis Proposal	5-13-47	R. Markel	U
831	Information on Machine Shop and Sheet Metal Shop Facilities Barta Building	4-13-49	C. W. Watt	U
832	Bi-Weekly Report, Part I, April 14, 1949	4-14-49	J. W. Forrester	U
833	Bi-Weekly Report, Part II, April 14, 1949	4-14-49	J. W. Forrester	U
834	Change in Video Cabling to Comparison Register	4-20-49	C. Watt	U
835	Variable Voltage Circuits, Marginal Checking, Whirlwind I	4-22-49	H. S. Lee	U
836	Instructions for Filling Out Progress Reports	4-22-49	H. R. Boyd	U
837	Input-Output Meeting with Representatives of Engineering Research Associates	4-22-49	R. Nelson	U
838	M. S. Thesis: Use of Digital Computers for Non-Linear Servomechanisms	4-21-49	J. Pierson	U
839	Maintaining Private Line Communication (Part I)	4-27-49	W. Welchman	U
840	A Preliminary Discussion of the Possibility of using Transistors in High-Speed Computers	4-26-49	R. Sisson	U
841	Bi-Weekly Report, Part I, April 29, 1949	4-29-49	J. W. Forrester	U
842	Bi-Weekly Report, Part II, April 29, 1949	4-29-49	J. W. Forrester	U
843	Glass Sealing Procedures for Storage-Tubes - Number 2	5-3-49	W. Pickett	U
844	Display Unit	5-4-49	H. Fahnestock	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
845	A Method for the Study of Non-Linear Servomechanisms with the Aid of an Automatic Digital-Computer	5-1-49	J. Pierson	U
846	Constant-Frequency Restoration	5-11-49	J. Salzer	U
847	M. S. Thesis: Holding Guns and Electron Guns	3-11-49	J. McCusker	U
848	Division Personnel	5-1-49		U
849	Master's Thesis Proposal: An Investigation of Possibilities for Improving Pentode Gate Tube Circuits		F. Verzuh	U
850	Bi-Weekly Report, Part I, May 13, 1949	5-13-49	J. W. Forrester	U
851	Bi-Weekly Report, Part II, May 13, 1949	5-13-49	J. W. Forrester	U
852	Panel Names for E3 Row	5-17-49	S. Dodd	U
853	Conference at Eastman Kodak on May 3, 1949	5-19-49	H. Boyd	U
854	Operation of Power-Supply Control System	5-24-49	C. Watt	U
855	Summary of Flip-Flop Storage Output Test Results	5-23-49	G. Sumner	U
856	Bi-Weekly Report, May 27, 1949	5-27-49	J. W. Forrester	U
857	M. S. Thesis - Method for the Study of Non-Linear Servomechanisms with the Aid of an Automatic Digital Computer		J. E. Pierson	U
858	Standardization of New Components for Use in Future Designs	6-1-49	C. W. Watt	U
859	Division Personnel			
860	Bi-Weekly Report, June 10, 1949	6-10-49	J. W. Forrester	U
861	Summary of Flip-Flop Storage Test Results	6-13-49	G. C. Sumner	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
862	Data on Secondary Emission from Beryllium and Beryllium Oxide	6-13-49	H. Klempere	U
863	"Switch Check": Automatic Testing of the Program Counter and Storage Switch	6-16-49	C. W. Adams	U
864	A Pursuit Problem	6-21-49	P. Franklin	U
865	M. S. Thesis: A Method for the Study of Non-Linear Servomechanisms with the aid of an Automatic Digital Computer		J. Pierson	U
866	Summary of Register Driver Type I Test Results	6-22-49	G. C. Sumner	U
867	Vacuum Tube Life Test Project at Sylvania	6-22-49	H. Fahnestock	U
868	Record Drawings for ES Control and IN-OUT Panels	6-23-49	C.W. Watt	U
869	Bi-Weekly Report, June 24, 1949	6-24-49	J. W. Forrester	U
870	Division Personnel	7-1-49		
871	Estimate of Digital Computation Required for Fighter-Bomber Probability of Survival Calculation	6-30-49	J. Forrester	C
872	Changes in Report R-145, The Register Panel	7-27-49	R. Rathbone	U
873	Secondary Emission from Beryllium Surface at Low Incident Electron Energies		P. Youtz	U
874	Comments on E-256	7-7-49	M. Florencourt	U
875	Bi-Weekly Report, July 8, 1949	7-7-49	J. W. Forrester	U
876	M. S. Thesis: The Study of Non-Linear Servomechanisms with an Automatic Digital Computer		J. Pierson	U
877	Proposed Method for Automatic Test Checking of Arithmetic Control Test-Flops	6-5-49	G. Cooper	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
878	Construction of WWI Repetitive Units	7-21-49	Production Control	U
879	Design of a New Target Assembly for the M.I.T. Computer Storage-Tubes	7-21-49	H. Klemperer	U
880	Electrostatic Storage-Tube Mount	7-22-49	W. Nolan	U
881	Bi-Weekly Report, July 22, 1949	7-22-49	J. W. Forrester	U
882	Division Personnel			
883	Vacuum Tube Failures During July 1949	8-1-49	H. B. Frost	U
884	Checking of the Time Pulse Distributor	8-8-49	C. W. Adams	U
885	The Study of Non-Linear Servo-mechanisms with the Aid of an Automatic Digital Computer Report No.6		J. E. Pierson	U
886	Conference at Eastman Kodak Company- August 1, 1949	8-3-49	E. Rich	U
887	Bi-Weekly Report, August 5, 1949	9-5-49	J. W. Forrester	U
888	Proposed Test Program for Reader-Recorders	7-9-49	E. Rich	U
889	Bi-Weekly Report August 19, 1949	8-19-49	J. W. Forrester	U
890	M.S. Conversion Devices for a Digital Computer	8-26-49	A. Susskind	U
891	Low-Speed Binary Counter	8-24-49	R. Everett	U
892	S. M. Thesis: A Method of Test Checking and Electronic Digital Computer	8-25-49	G. Cooper	U
893	Proposal for Control of RS Power Supplies	8-29-49	C. Watt	U
894	Division Personnel			
895	New Snubbers to Mount on Holding Guns	8-31-49	F. Caswell	U

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
896	Pulse Response and Testing of Wideband Coupling Networks		R. L. Massard	U
897	Bi-Weekly Report, September 2, 1949	9-2-49	J. W. Forrester	U
898	Conversion Devices for a Digital Computer- Report No. 1		A. Susskind	U
899	Bi-Weekly Report, September 16, 1949	9-16-49	J. W. Forrester	U
900	WWI Test Plans	9-27-49	N. Taylor	U
901	Data on Electron Gun Currents in Electrostatic Storage-Tubes	9-22-49	M. Florencourt	U
902	Division Personnel			
903	Bi-Weekly Report, September 30, 1949	9-30-49	J. W. Forrester	U
904	M. S. Thesis: Conversion Devices for a Digital Computer Report No. 1		R. Sisson	U
905	M. S. Thesis: Pulse Response and Testing of Wideband Coupling Networks- Report No. 1		R. Massard	U
906	M. S. Thesis: Conversion Devices for a Digital Computer Report No.2		A. Susskind	U
907	A Method of Test Checking and Electronic Digital Computer		G. Cooper	U
908	Bi-Weekly Report, October 12, 1949	10-12-49	J. W. Forrester	U
909	Operation of Electrostatic Storage During Test Storage Orders	10-20-49	R. Mayer	U
910	Reading Test Storage to Bus via Program Register	10-21-49	R. Mayer	U
911	Temporary use of A-Register in Place of Program Register	10-21-49	R. Mayer	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
912	Master Thesis Proposal: Automatic Control of Antisubmarine Warfare by Digital Computers	10-20-49	T. Christman	U
913	Conference on Vacuum-Tube Problems at Sylvania - Emporium	10-20-49	E. Rich	U
914	Shatterproofing Storage-Tubes	10-25-49	R. Shaw	U
915	Cycling of Power in Turning on Storage-Tubes	10-26-49	S. Dodd	U
916	A Method of Test Checking an Electronic Digital Computer Report No. 2		G. Cooper	U
917	Bi-Weekly Report, October 28, 1949	10-28-49	J.W. Forrester	U
918	Conference at Eastman Kodak on October 26, 1949	10-31-49	H. Boyd	U
919	Division Personnel			
920	M. S. Thesis: Conversion Devices for a Digital Computer Report No. 3		A. Susskind	U
921	M. S. Thesis: Conversion Devices for a Digital Computer Report No. 2		R. Sission	U
922	Vacuum Tube Failures During August, 1949	12-1-49	H. Frost	U
923	Vacuum Tube Failures During August, 1949	12-2-49	H. Frost	U
924	Video Cabling Records	12-4-49	R. Fairbrother	U
925	Vacuum Tube Failures During October, 1949	11-4-49	H. Frost	U
926	Notes on "High Precision Measurements with Simple Optical Equipment"	11-8-49	R. Shaw	U
927	Grid-Cathode Shorts in Storage-Tubes	11-9-49	J. O. Ely	U
928	Bi-Weekly Report, November 10	11-9-49	J. W. Forrester	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
929	Conference at Commercial Controls Corporation on October 26, 1949	11-18-49	H. Boyd	U
930	Propose "Inactivity Alarm" Circuit	11-23-49	C. W. Adams	U
931	Bi-Weekly Report, November 25	11-25-49	J. W. Forrester	U
932	M. S. Thesis: Devices for Conversion Between Analog Quantities and Binary Pulse-Coded Numbers, Report No. 3		R. Sisson	U
933	M. S. Thesis: Devices for Conversion Between Analog Quantities and Binary Pulse-Coded Numbers, Report No. 4		A. Susskind	U
934	CANCELLED			
935	Division Personnel			U
936	Project Reports of Current Interest: I General- Introductory	12-1-49		U
937	Project Reports of Current Interest: II System Work-Block Diagrams	12-1-49		U
938	Project Reports of Current Interest: III Circuits and Components	1-1-50		U
939	Project Reports of Current Interest: IV Storage	12-1-49		U
940	Project Reports of Current Interest: V Test Equipment	12-1-49		U
941	Project Reports of Current Interest: VI Mathematics	12-1-49		U
942	Project Reports of Current Interest: VII Programming and Application Studies	12-1-49		U
943	Project Reports of Current Interest: VIII Checking and Trouble Location	12-1-49		U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
944	Project Reports of Current Interest: IX Input and Output	12-1-49		U
945	Project Reports of Current Interest: X Classified Reports	12-1-49		U
946	Cancelled			
947	A Method of Test Checking and Electronic Digital Computer		G. Cooper	U
948	Vacuum Tube Failures During November 1949	12-2-49	H. Frost	U
949	The Effect of Mosaic Size upon the Storage Stability and Capacity of Electrostatic Storage-Tubes		P. Youtz	U
950	WWI Partial Bill of Materials	12-9-49	H. Mercer	U
951	Bi-Weekly Report December 9, 1949	12-9-49	J. W. Forrester	U
952	Preliminary Communication of Test Results with RT68	12-14-49	H. Rowe	U
953	Preliminary Communication on Mosaic Size	12-14-49	C. Corderman	U
954	Transfer of Storage-Tubes from ST Group to WWI	12-15-49	S. Dodd	U
955	A Method of Test Checking and Electronic Digital Computer		G. Cooper	U
956	M. S. Thesis: Mosaic Characteristics of the M.I.T. Storage-Tube		C. Corderman	U
957	Investigation of the Deactivation Decay and Reactivation Recovery of Emission from Oxide-Coated Cathodes	11-15-49	D. Collier	U
958	Procurements of Material and Fabrication of Components for Research and Storage-Tubes	12-19-49	P. Youtz	U
959	Cleaning Procedure for Electrostatic Filter	3-3-49	J. C. Proctor	U

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960	Bi-Weekly Report, December 23, 1949	12-23-49	J. W. Forrester	U
961	Digital Control of a Machine Tool for Parsons Corporation		J. W. Forrester	U
962	Division Personnel	1-1-50		U
963	Vacuum Tube Failures During December, 1949			U
964	Bi-Weekly Report, January 6, 1950	1-6-50	J. W. Forrester	U
965	Preliminary Notes on RT93 Results	1-9-50	M. Florencourt	U
966	Dynamic Determination of Usable Storage Densities in Storage- Tubes	1-12-50	H. Frost	U
967	Electrostatic Storage-Tube to Program Register Transfer Check	1-13-50	R. Mayer	U
968	Master Copy in J. W. Forrester Office			U
969	Accelerated Life Test for Ca- thode Interface	1-19-50	E. Rich	U
970	S. M. Thesis: Automatic Control of Antisubmarine Warfare by Digital Computers Report No.1	3-1-50	T. Christman	C
971	An Investigation of the Effect of the Angle of Beam Incidence on Electrostatic Storage-Tube Performance	1-23-50	K. McKivar	U
972	Graphs of Storage-Tubes Electro- nic Gun Currents	1-6-50	J. O. Ely	U
973	Bi-Weekly Report January 20, 1950	1-20-50	J. W. Forrester	U
974	Installation and Testing of a Computer Electrostatic Storage System		P. Youfs	U
975	A Coincident-Current Magnetic Memory Unit		W. Papian	U

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<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
976	Collector Interception of Electron Beam as a Function of Angle of Incidence	1-24-50	M. Florencourt	U
977	Vacuum Tube Failures During January 1950	2-3-50	H. Frost	U
978	Division Personnel	2-1-50		U
979	Preparation of WWI Instruction and Maintenance Manuals	2-3-50	R. Rathbone	U
980	Bi-Weekly Report, February 3, 1950	2-3-50	J. W. Forrester	U
981	Progress from Storing 16x16 to 32x32 Arrays	2-8-50	H. Klemperer	U
982	Aging of Beryllium Mosaic as Observed on ST112 Life Test	2-14-50	H. Klemperer	U
983	S. M. Thesis: Automatic Control of Antisubmarine Warfare by Digital Computers Report No. 2	3-1-50	T. Christman	C
984	Bi-Weekly Report, February 17, 1950	2-17-50	J. W. Forrester	U
985	M. S. Thesis: Dynamic Determination of Usable Storage Densities in Storage-Tubes	2-17-50	H. B. Frost	U
986	In-Out Committee Report	2-21-50	In-Out Committee	U
987	Storage-Tube Drawing List	2-21-50	R. Shaw	U
988	Cancelled			
989	SR-1407 Development: Test on Lots C-9186 and C-9188	2-24-50	E. Rich	U
990	M. S. Thesis: The Installation and Testing of a Computer-Electrostatic-Storage System	2-24-5-	R. Read	U
991	Schedule of Remaining Installation Work	2-27-50	C. Watt	U
992	Storage and Research Tube Summary	2-28-50	M. Florencourt	U

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993	Division Personnel			U
994	S. M. Thesis: Automatic Control of Antisubmarine Warfare by Digital Computer	3-7-50	T. Christman	C
995	M. S. Thesis: An Investigation of the Effect of the Angle of Beam Incidence on Electrostatic Storage-Tube Performance	2-24-50	K. McVicar	U
996	February 1950 Research and Storage-Tube Summary	3-1-50	M. Florencourt	U
997	M. S. Thesis: A Co-Incident-Current Magnetic Memory Unit		W. Papian	U
998	Bi-Weekly Report, March 3, 1950	3-3-50	J. W. Forrester	U
999	Vacuum Tube Failures During February 1950			U
1000	A Proposed Binary to Analog Converter	3-6-50	K. McVicar	U
1001	Small-Scale Development: Tests on Lot C-9042	3-7-50	E. S. Rich	U
1002	Preliminary Considerations for Adaption of Raytheon Magnetic Tape Units to the WWI System	3-13-50	J. A. O'Brien E. Rich	U
1003	S.M. Thesis: Automatic Control of Antisubmarine Warfare by Digital Computers Report No.5	3-30-50	T. Christman	C
1004	Bi-Weekly Report, March 17, 1950	3-17-50	J. W. Forrester	U
1005	Cancelled			
1006	M. S. Thesis: Dynamic Determination of Usable Storage Densities in Storage-Tubes		H. Frost	U
1007	M. S. Thesis: The Installation and Testing of a Computer-Electrostatic-Storage System		R. Reed	U

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1008	M.S.Thesis: An Investigation of the Effect of the Angle of Beam Incidence on Electrostatic Storage-Tube Performance		K. McVicar	U
1009	E. S. Thesis: Automatic Control of Antisubmarine Warfare by Digital Computers Report No.6	4-3-50	T. Christman	C
1010	Scheduling of Computer Time	3-24-50	H. Fahnestock	U
1011	M. S. Thesis: A Co-Incident Current Magnetic Memory Unit		W. Papian	U
1012	Nomogram for Calculating Area Ratio of Square Mosaic Patterns	3-30-50	R. Shaw	U
1013	Division Personnel			U
1014	Bi-Weekly Report, March 31, 1950	3-31-50	J. W. Forrester	U
1015	M. S. Thesis: An Investigation of the Effect of Beam Incidence on Electrostatic Storage-Tube Performance		K. McVicar	U
1016	Vacuum Tube Failures During March 1950	4-3-50	H. Frost	U
1017	Cancelled, See E-338			
1018	E.E. Thesis: Study of Automatic Control by Digital Computer Report No.7	5-1-50	T. Christman	C
1019	March 1950 Storage and Research Tube Summary	4-4-50	M. Florencourt	U
1020	Conference on Automatic Computing Machinery Rutgers University, March 28-29, 1950	4-6-50	D. R. Israel C. W. Adams	U
1021	Status Report on Project for Applying Digital Computation to Underground Oil Reservoir Problems	4-6-50		U
1022	Systems Planning	4-11-50	N. Taylor	U

<u>No.64</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1023	E. E. Thesis: Study of Automatic Control by Digital Computer Report No. 8	5-1-50	T. Christman	C
1024	ES Systems Planning	4-13-50	R. Read	U
1025	Bi-Weekly Report April 14, 1950	4-14-50	J. W. Forrester	U
1026	M.S. Thesis: An Investigation of the Effect of the Angle of Beam Incidence on Electrostatic Storage-Tube Performance		K. McVivar	U
1027	M.S. Thesis Dynamic Determination of Usable Storage Densities in Storage-Tubes		H. Frost	U
1028	M. S. Thesis: A Co-Incident Current Magnetic Memory Unit		W. Papian	U to 4/24/50
1029	E.E. Thesis: Study of Automatic Control by Digital Computer Report No. 9	5-1-50	T. Christman	C
1030	Bi-Weekly Report, April 28, 1950		J. W. Forrester	U
1031	Schedule of Night Shift Operations for WWI Testing	5-1-50	N. Taylor	U
1032	Division Personnel			U
1033	M.S. Thesis: The Installation and Testing of a Computer-Electrostatic-Storage System		R. Read	U
1034	Vacuum Tube Failures During the Month of April	5-2-50	H. Frost	U
1035	April 1950 Research and Storage-Tube Summary	5-1-50	M. Florencourt	U
1036	The Differential Analyzer Approach in Digital Computers	5-3-50	C. W. Adams	U
1037	M. S. Thesis: Angle of Beam Incident on Electrostatic-Storage-Tube Performance, Report No.5		K. McVivar	U
1038	Checking the Holding Ability of Flip-Flops	5-9-50	J. Salzer	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1039	Drawing Preparation for Slides	5-12-50	A. Falcione	U
1040	Bi-Weekly Report, May 12, 1950		J. W. Forrester	U
1041	Power Supply	5-16-50	J. Gano	U
1042	M.S. Thesis: Angle of Beam Incidence on Electrostatic Storage-Tube Performance Report No.6		K. McVicar	U
1043	M.S. Thesis: A Co-Incident Current Magnetic Memory Unit Report No.3		W.Papian	U 4/25/50 to 5/18/50
1044	History of Development of Storage Assembly for 6" Storage-Tube	5-19-50	R. Shaw	U
1045	Data on Electron Gun Currents in M.I. T. Storage Tubes	5-18-50	M. Florencourt	U
1046	Trouble-Location Procedures to be Followed in the Event of a Major Power Failure	5-26-50	R. E. Hunt	U
1047	Bi-Weekly Report, May 26, 1950	5-26-50	J. W. Forrester	U
1048	Master's Thesis Proposal: Check Problems for Automatic Failure Detection in an Electronic Digital Computer	5-29-50	R. H. Gould	U
1049	Progress Report: An Investigation of the Effect of the Angle of Beam Incidence on Electrostatic Storage-Tube Performance	5-15-50 to 5-29-50	K. McVicar	U
1050	Temporary Marginal Checking: Reader-Recorder	6-1-50	C. W. Math	U
1051	Electronic Computer Division Personnel	6-1-50		U
1052-1	May 1950 Research and Storage-Tube Summary	6-12-50	M. Florencourt	U
1053	Bi-Weekly Report, June 9	6-9-50	J. W. Forrester	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1054	Progress Report: An Investigation of the Effect of the Angle of Beam Incidence on Electrostatic Storage-Tube Performance	5-15-50 6-9-50	K. McVicar	U
1055	Meeting of the Mathematical Computing Advisory Panel, June 8	6-15-50	C. W. Adams	U
1056	Development of Type SR-1407 Vacuum Tubes: Tests on Lots D-2 and C-9674	6-20-50	E. S. Rich	U
1057	Bi-Weekly Report, June 23	6-23-50	J. W. Forrester	U
1058	Staff Indoctrination Program	7-5-50	J. C. Proctor	U
1059	Detailed Coding of the Initial Program		C. W. Adams	U
1060	Whirlwind I Marginal Checking-- Summary and Recommendations	6-30-50	R. A. Nelson	U
1061	Progress Report: A Co-Incident Current Magnetic Memory Unit	5-19-50 to 7-5-50	W. N. Papian	U
1062	Electronic Computer Division Personnel	7-1-50		U
1063	Master's Thesis Proposal: Scheduling Games for the Whirlwind Computer	7-7-50	H. D. Bannington	U
1064	Bi-Weekly Report, July 7, 1950	7-7-50	J. W. Forrester	U
1065	Bi-Weekly Report, Project 6782, July 7, 1950	7-7-50	J. W. Forrester	C
1066	June, 1950, Research and Storage Tube Summary	7-12-50	M. Florencourt	U
1067	Temporary Operation of qr: Read/Shift Right	7-17-50	C. W. Adams	U
1068	Progress Report: Check Problems for Automatic Failure Detection in an Electronic Digital Computer	6-12-50 to 7-7-50	R. H. Gould	U
1069	Bi-Weekly Report, Project 6782, July 21, 1950	7-21-50	J. W. Forrester	C

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cl.s.</u>
1070	Correlation Between Signal Plate to Collector Capacitance and Mica Thickness and Collector-to-Mica Spacing	7-24-50	M. Florencourt H. J. Platt	U
1071	Bi-Weekly Report, Project 6345, July 21, 1950	7-21-50		U
1072	Measurements of Deflection Plate Spacing and Deflection Factors of 5U Guns	7-26-50	R. Shaw H. J. Platt	U
1073	Terminal Equipment and Manual Control Devices Using Flip-Flop Storage---Present Status and Future Plans	7-26-50	C. W. Adams	U
1074	Electronic Computer Division Personnel	8-1-50		U
1075	July 1950 Research and Storage-Tube Summary	8-1-50	M. Florencourt	U
1076	Progress Reports: Check Problems for Automatic Failure Detection in a Electronic Digital Computer	7-10-50 to 8-1-50	R. H. Gould	U
1077	Preliminary Draft of Test and Line-Up Procedure for Storage-Tubes	8-28-50	J. W. Forrester R. R. Everett	U
1078	Bi-Weekly Report, Project 6782, August 4, 1950	8-4-50	J. W. Forrester	C
1079	Vacuum Tube Failures During the Month of May, 1950	8-7-50	H. B. Frost	U
1080	Vacuum Tube Failures During the Month of June, 1950	8-7-50	H. B. Frost	U
1081	Vacuum Tube Failures During the Month of July 1950	8-8-50	H. B. Frost	U
1082	Bi-Weekly Report, Project 6345, August 4, 1950	8-4-50	J. W. Forrester	U
1083	Interim Display Equipment and Temporary Operation of qf's F-Scope Display	8-7-50	C. W. Adams	U

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cl.</u>
1084	Temporary Operation ops Punch/ Shift Right	8-10-50	C. W. Adams	U
1085	Orders and Provisions for Selective Round Off	11-14-50	R. P. Mayer	U
1086	Thesis Proposal: A Study of the Holding Beam in the M.I.T. Elec- trostatic Storage-Tube	8-15-50	J. O. Ely	U
1087	First Meeting of the Planning Committee for the IRE-AIEE Conference on Electron Tubes for Computers	8-18-50	P. Youtz	U
1088	Bi-Weekly Report, Project 6345, August 18, 1950	8-18-50	J. W. Forrester	U
1089	Bi-Weekly Report, Project 6782, August 18, 1950	8-18-50	J. W. Forrester	C
1090	Progress Report: Check Problems for Automatic Failure Detection in an Electronic Digital Com- puter	8-18-50 to 8-24-50	R. H. Gould	U
1091	Progress Report: A Study of the Holding Beam in the M.I.T. Elec- trostatic Storage-Tube	6-12-50 to 8-31-50	J. O. Ely	U
1092	Bi-Weekly Report, Project 6345, September 1, 1950	9-1-50	J. W. Forrester	U
1093	Bi-Weekly Report, Project 6782, September 1, 1950	9-1-50	J. W. Forrester	C
1094	Vacuum Tube Failures During the Month of August, 1950	9-5-50	H. B. Frost	U
1095	Electronic Computer Division Personnel	9-1-50		C
1096	Bi-Weekly Report, Project 6345, September 15, 1950	9-15-50	J. W. Forrester	U
1097	Modification of Storage-Tube Mounts	9-19-50	W. J. Nolan	U
1098	Thesis Proposal: Analysis and Design of a Digital to Voltage Decoder	9-19-50	R. L. Walquist	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1099	August 1950 Storage and Research Tube Summary	9-15-50	M. F. Mann	U
1100	Bi-Weekly Report, Project 6782 September 15, 1950	9-15-50	J. W. Forrester	C
1101	Storage-Tube Drawing List	9-28-50	R. Shaw	U
1102	The Influence of Gases and Vapors, on the Emission of Oxide-Coated Cathodes, by G. Herrmann and O. Krieg (German Translation)	11-20-50	M. F. Mann H. B. Frost	U
1103	Bi-Weekly Report, Project 6782, September 29, 1950	9-29-50	J. W. Forrester	C
1104	IRE Third List of Definitions	10-2-50	C. W. Adams	U
1105	Electronic Computer Division Personnel	10-1-50		U
1106	Bi-Weekly Report, Project 6782, September 29, 1950	9-29-50	J. W. Forrester	C
1107	Vacuum Tube Failures During the Month of September, 1950	10-1-50	H. B. Frost	U
1108	Special Display	10-4-50	D. A. Buck	U
1109	Second Status Report on Project for Applying Digital Computation to Underground Oil Reservoir Problems	10-10-50	J. W. Forrester	U
1110	Reliability Tester Modifications for M-1077-3	10-11-50	C. L. Corderman	U
1111	Tentative Assignments of Part-Time Student Mathematicians	10-13-50	C. W. Adams	U
1112	Bi-Weekly Report, Project 6345, October 13, 1950	10-13-50	J. W. Forrester	U
1113	September 1950 Storage and Research Tube Summary	10-16-50	M. F. Mann	U
1114	Bi-Weekly Report, Project 6782, October 13, 1950	10-13-50	J. W. Forrester	C
1115	Bi-Weekly Report, Project 6751, October 16, 1950	10-16-50	J. W. Forrester	U

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1116	Code System for Dielectric Sur- faces	10-18-50	J. Palermo	U
1117	Preliminary Outline and Reference Material for Computer Demonstra- tion October 25, 1950	10-23-50	C. W. Adams	U
1118	Quarterly Report, Contract N5ori- 06002, July to September, 1950, Project NR 232-001		R. A. Nelson	C
1119	Bi-Weekly Report, Project 6345, October 27, 1950	10-27-50	J. W. Forrester	U
1120	Bi-Weekly Report, Project 6782, October 27, 1950	10-27-50	J. W. Forrester	C
1121	Bi-Weekly Report, Project 6751, October 30, 1950	10-30-50	J. W. Forrester	U
1122	Electronic Computer Division Personnel	11-1-50		U
1123	October 1950 Research and Stp- rage -Tube Summary	11-1-50	M. F. Mann	U
1124	Vacuum Tube Failures During the Month of October, 1950	11-1-50	H. B. Frost	U
1125	Bi-Weekly Report Project 6345, November 10, 1950	11-10-50	J. W. Forrester	U
1126	Bi-Weekly Report, Project 6782, November 10, 1950	11-10-50	J. W. Forrester	C
1127	Bi-Weekly Report, Project 6751, November 10, 1950	11-10-50	J. W. Forrester	U
1128	A Proposal for Power and Video Cabling in the New Control Room	11-15-50	C. W. Watt	U
1129	A Direct-Coupled Amplifier for Magnetically Deflecting an Os- cillograph Tube: Thesis Pro- posal	11-20-50	R. L. Best	U
1130	Preparation and Filing of Punched Paper Tapes for WWI	11-20-50	C. W. Adams	U
1131	Bi-Weekly Report, Project 6345, November 27, 1950	11-27-50	J. W. Forrester	U

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1132	Bi-Weekly Report, Project 6782, November 24, 1950	11-24-50	J. W. Forrester	C
1133	Electronic Computer Division Personnel	12-1-50		U
1134	November 1950 Storage and Re- search Tube Summary	12-24-50	M. F. Mann	U
1135	Vacuum Tube Failures During the Month of November, 1950	12-1-50	H. B. Frost	U
1136	Bi-Weekly Report, Project 6345, December 8, 1950	12-8-50	J. W. Forrester	U
1137	Bi-Weekly Report, Project 6782, December 8, 1950	12-8-50	J. W. Forrester	C
1138	Thesis Proposal: Use of Electro- nic Digital Computers for In- formation	12-18-50	P. Bagley	U
1139	Bi-Weekly Report, Project 6345, December 22, 1950	12-22-50	J. W. Forrester	U
1140	Progress Report: A Study of the Holding Beam in the M. I. T. to Storage-Tube	9-1-50 12-27-50	J. O. Ely	U
1141	Inspection of Electron Guns	12-29-50	R. Shaw	U
1142	Bi-Weekly Report, Project 6782, December 22, 1950	12-22-50	J. W. Forrester	C
1143	Electronic Computer Division Personnel	1-1-51		U
1144	December 1950 Research and Sto- rage-Tube Summary	1-4-51	M. F. Mann	U
1145	Vacuum Tube Failures During the Month of December 1950	1-1-51	H. B. Frost	U
1146	Inspection of Glass Envelopes	1-5-51	R. Shaw	U
1147	Bi-Weekly Report, Project 6345, January 5, 1951	1-5-51	J. W. Forrester	U
1148	Bi-Weekly Report, Project 6782, January 5, 1951	1-5-51	J. W. Forrester	C

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1149	Materials for Electron Gun Construction	1-9-51	R. Shaw	U
1150	CANCELLED			
1151	A Head for Static Reading of Magnetic Recordings, M. S. Thesis Proposal	1-19-51	D. H. Hageman	U
1152	Visit to University of Illinois and Engineering Research Associates	1-22-51	J. W. Forrester R. B. Everett N. H. Taylor	C
1153	Bi-Weekly Report, Project 6345, January 19, 1951	1-19-51	J. W. Forrester	U
1154	A Study of the Holding Beam in the M.L.T. Electrostatic Storage Tube, M. S. Thesis Progress Report	12-28-50 to 1-22-51	J. O. Ely	U
1155	Bi-Weekly Report, Project 6782, January 19, 1951	1-19-51	J. W. Forrester	C
1156	Special Add Memory Clearing on Certain Orders	1-25-51	R. P. Mayer	U
1157	Electronic Computer Division Personnel	2-1-51		U
1158	Vacuum Tube Failures During the Month of January, 1951	2-1-51	H. B. Frost	U
1159	Bi-Weekly Report, Project 6345, February 2, 1951	2-2-51	J. W. Forrester	U
1160	January 1951. Storage and Research Tube Summary	2-6-51	M. F. Mann H. E. Cooke	U
1161	Bi-Weekly Report, Project 6782, February 2, 1951	2-2-51	J. W. Forrester	C
1162	Electronic Selection and Control of Read-Record Heads of Magnetic Tape Units, M. S. Thesis Proposal	2-8-51	J. A. O'Brien	U
1163	Use of Electronic Digital Computers for Information Searching, to M. S. Progress Report	1-4-51 2-6-51	P. R. Bagley	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Clas.</u>
1164	The Prediction of Atmospheric Turbulence Using Whirlwind, M. S. Thesis Proposal	2-1-51	L. S. Bensky	U
1165	Guide to Preparation of Punched Paper Tapes	2-12-51	D. E. Lenihan	U
1166	Proposed Adaptation of Fairchild Recording Camera to WWI Oscilloscope Display System	2-13-51	E. S. Rich	U
1167	New Plan for In-Out Orders and In -Out Subroutines	2-16-51	E. S. Rich J. M. Sälzer B. E. Morriss	U
1168	Bi-Weekly Report, Project 6345, February 16, 1951	2-16-51	J. W. Forrester	U
1169	Quarterly Report, Project 6782, Contract N5ori-06002, September through December, 1950	2-15-51	R. A. Nelson	C
1170	Bi-Weekly Report, Project 6782, February 16, 1951	2-16-51	J. W. Forrester	C
1171	Marginal Checking Controlled by Program: Preliminary Proposal	2-6-51	R. P. Mayer	U
1172	Electronic Computer Division Personnel	3-1-51		U
1173	Vacuum Tube Failures During the Month of February , 1951	3-1-51	H. B. Frost	U
1174	Bi-Weekly Report, Project 6345, March 2, 1951	3-2-51	J. W. Forrester	U
1175	February 1951 Storage and Research Tube Summary	3-6-51	H. E. Cooke M. F. Mann	U
1176	Bi-Weekly Report, Project 6782, March 2, 1951	3-2-51	J. W. Forrester	C
1177	Interim Paper Tape Conversion and Input Programs	3-9-51	J. T. Gilmore	U
1178	A Head for Static Reading of Magnetic Recording, Progress Report M.S. Thesis	2-8-51 to 3-9-51	D. H. Hageman	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1179	A Study of the Holding Beam in the M.L.T. Storage-Tube, Progress Report M. S. Thesis	1-23-51 to 3-12-51	J. O. Ely	U
1180	Data on Electron-Gun Currents in M.I.T. Storage-Tubes May 1950 to February 1951	3-13-51	M. F. Mann	U
1181	Progress Report, Project 6751, November 13, 1950 to March 2, 1951	3-14-51	J. D. Porter C. W. Adams	U
1182	Electronic Selection and Control of Read-Record Heads of Magnetic Tape Units, Progress Report M.S. Thesis	2-8-51 to 3-8-51	J. A. O'Brien	U
1183	Bi-Weekly Report, Project 6345, March 16, 1951	3-16-51	J. W. Forrester	U
1184	Bi-Weekly Report, Project 6782, March 16, 1951	3-16-51	J. W. Forrester	C
1185	Procedures for Initial (Static) Testing of a Storage-Tube	3-22-51	M. F. Mann	U
1186	Marginal Checking of In-Out Switch and D.C. In-Out Register	3-26-51	C. W. Watt	U
1187	Using Whirlwind to Predict Atmospheric Turbulence. Progress Report M. S. Thesis	2-2-51 to 3-20-51	L. S. Bensky	U
1188	Bi-Weekly Report, Project 6345, March 30, 1951	3-30-51	J. W. Forrester	U
1189	Electronic Computer Division Personnel	4-1-51		U
1190	March 1951 Storage and Research Tube Summary	4-21-51	M. F. Mann H. E. Cooke	U
1191	Vacuum Tube Failures During the Month of March, 1951	4-1-51	H. B. Frost	U
1192	A Head for Static Reading of Magnetic Recordings. Progress Report M. S. Thesis	3-12-51 to 3-20-51	D. H. Hageman	U
1193	Bi-Weekly Report, Project 6782, March 30, 1951	3-30-51	J. W. Forrester	C

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1194	Equipment Proposal for Programmed Marginal Checking (PMC)	4-4-51	O. W. Watt	U
1195	Terminal Equipment Priorities	4-6-51	R. R. Everett	U
1196	Use of the Dumont-Land Scope Camera	4-10-51	J. A. O'Brien	U
1197	Thesis Proposal: A Head for Static Reading of Magnetic Recording	4-10-51	D. Hageman	U
1198	Preparation of Punched Tape for Conversion	4-18-51	P. A. Fox	U
1199	Additional Storage Registers	4-11-51	G. Cooper	U
1200	Progress Report No.2 : M. S. Thesis: Electronic Selection and Control of Read-Record Heads of Magnetic Tape Units	3-9-51 to 4-12-51	J. A. O'Brien	U
1201	Bi-Weekly Report, Project 6782, April 13, 1951	4-13-51	J. W. Forrester	C
1202	6345 Bi-weekly			
1203	Proposed Variations in In-Out Element and In-Out Subroutines	4-27-51	B. E. Morriss	U
1204	Second ST Bank; Outside Assembly	4-26-51	H. Fahnestock	U
1205	Progress Report No.3: M.S. Thesis: A Head for Static Reading of Magnetic Recordings	4-2-51 to 4-20-51	D. Hageman	U
1206	Bi-Weekly Report, Project 6345, April 27, 1951	4-27-51	J. W. Forrester	U
1207	Electronic Computer Division Personnel	5-1-51		U
1208	Vacuum Tube Failures During the Month of April, 1951	5-1-51	H. B. Frost	U
1209	Bi-Weekly Report, Project 6782, April 27, 1951	4-27-51	J. W. Forrester	C
1210	April 1951 Storage and Research Tube Summary	5-2-51	M. F. Mann H. E. Cooke	U

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1211	Proposal -- Procedure in Case of Failure of Commercial Power Services	5-8-51	J. J. Gano	U
1212	Quarterly Report, Contract N5ori-06002, Project 232-001, January through March, 1951		R. A. Nelson	C
1213	The Linear Filtering of a Sampled Quantized Signal. M. S. Thesis Proposal	5-15-51	A. Katz	U
1214	Bi-Weekly Report, Project 6782, May 11, 1951	5-11-51	J. W. Forrester	C
1215	Bi-Weekly Report, Project 6345, May 11, 1951	5-11-51	J. W. Forrester	U
1216	Procedures for Processing and Recording Punched Tape Computer Programs	5-17-51	D. E. Lenihan P. A. Fox	U
1217	Conversion Tables	6-11-51	F. C. Helwig J. M. Frankovich	U
1218	Storage Stability Characteristics of the M.I.T. Electrostatic Storage Tube. M.S. Thesis Proposal	5-16-51	A. R. Tanguay	U
1219	Bi-Weekly Report, Project 6345, May 25, 1951	5-25-51	J. W. Forrester	U
1220	Bi-Weekly Report, Project 6782, May 25, 1951	5-25-51	J. W. Forrester	C
1221	May 1951 Storage and Research Tube Summary	6-4-51	M. F. Mann H. E. Cooke	U
1222	Vacuum Tube Failures During the Month of May, 1951	6-1-51	H. B. Frost	U
1223	Electronic Computer Division Personnel	6-1-51		U
1224	A Proposed Marginal Checking System	6-6-51	R. E. Hunt	U
1225	Display Scope System	6-6-51	C. W. Watt	U

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1226	Additions to Project Reports of Current Interest	6-8-51	D. Kemper	U
1227	Applications Group Indoelectri- nation Program	6-8-51	D. Kemper	U
1228	Bi-Weekly Report, Project 6345, June 8, 1951	6-8-51	J. W. Forrester	U
1229	Bi-Weekly Report, Project 6782, June 8, 1951	6-8-51	J. W. Forrester	C
1230	New Instructions for Using Tape Preparation Facilities	6-21-51	C. W. Adams	U
1231	Requests for Computer Time	6-19-51	J. T. Gilmore	U
1232	The Photoelectric Conversion Program (T-190-12)	6-22-51	J. T. Gilmore	U
1233	Bi-Weekly Report, Project 6345, June 22, 1951	6-22-51	J. W. Forrester	U
1234	Bi-Weekly Report, Project 6782, June 22, 1951	6-22-51	J. W. Forrester	C
1235	Operation of In-Out Control	8-30-51	B. E. Morriss	U
1236	CANCELLED			
1237	Electronic Computer Division Personnel	7-1-51		U
1238	Some Thoughts on Equipment Re- liability and How to Improve it	7-2-51	C. W. Watt	U
1239	June 1951 Storage and Research Tube Summary	7-5-51	H. E. Cooke	U
1240	Vacuum Tube Failures During the Month of June 1951	7-1-51	H. B. Frost	U
1241	Bi-Weekly Report, July 6, 1951	7-6-51		U
1242	Progress Report No.1, M. S. Thesis: Charge Stability of the M.I.T. Storage Tube	6-11-51 7-9-51	A. R. Tanguay	U
1243	Visit to 1101 Computer	7-11-51	N. H. Taylor	U

<u>No. 64</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1244	Bi-Weekly Report, July 6, 1951 (Air Defense)	7-6-51		C
1245	Possible Uses of Magnetic Drums	7-11-51	N. H. Taylor	U
1246	Index Marking of Magnetic Tape: Master's Thesis Proposal	7-17-51	T. L. Roess	U
1247	The Electronic Temperature of Oxide Cathodes: Methods of Mea- surements and Results, By Robert Campeix (in French). Trans - lation	7-19-51	H. B. Frost, Tr.	U
1248	Bi-Weekly Report, July 20, 1951	7-20-51		U
1249	Summary of Production Meeting, and Schedule Changes, Friday, July 20, 1951	7-23-51	C. W. Watt	U
1250	Bi-Weekly Report, July 20, 1951 (Air Defense)	7-20-51		C
1251	July 1951 Storage and Research Tube Summary	8-1-51	H. E. Cooke	U
1252	Bi-Weekly Report, August 6, 1951	8-6-51		U
1253	Progress Report No. 2, M.S. Thesis: Charge Stability of the M.I.T. Storage Tube	7-9-51 8-1-51	A. R. Tanguay	U
1254	Summary of Production Meeting and Schedule Changes, Friday, August 3, 1951	8-7-51	R. A. Osborne C. W. Watt	U
1255	Bi-Weekly Report, August 17, 1951	8-17-51		U
1256	Summary of Production Meeting and Schedule Changes, Friday, July 27, 1951	7-27-51	R. A. Osborne C. W. Watt	U
1257	Electronic Computer Division Personnel	8-1-51		U
1258	Vacuum Tube Failures During the Month of July, 1951	8-1-51	H. B. Frost M. C. Mackey	U
1259	Bi-Weekly Report, August 3, 1951 (Air Defense)	8-3-51		C

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1260	A Proposal for the Utilization of Data from Three Radars	8-13-51	D. R. Israel	C
1261	Types of Non-Linear Smoothing	8-10-51	D. R. Israel	C
1262	Summary of Production Meeting and Schedule Changes, Friday, August 10, 1951	8-11-51	R. A. Osborne C. W. Watt	U
1263	D.C. Power Supplies for Whittemore Building Trip to Power Equipment Company, Galion, Ohio	8-17-51	J. J. Gano	U
1264	6889-Air Defense Bi-Weekly August 17, 1951	8-17-51		C
1265	Summary of Production Progress, and Schedule Changes, Week Ending August 17, 1951	8-21-51	R. A. Osborne C. W. Watt	U
1266	Linear Filtering in a Digital-Analog System	8-24-51	J. M. Dodd	U
1267	Summary of Production Progress, and Schedule Changes, Week Ending August 24, 1951	8-24-51	C. W. Watt	U
1268	Conference Notes on Proposed 400-Series Tubes for Whirlwind	8-31-51	P. Youtz	U
1269	Bi-Weekly Report, August 31, 1951	8-31-51		U
1270	D. C. Power Supplies for Whittemore Building	9-4-51	J. J. Gano	U
1271	August 1951 Storage and Research Tube Summary	9-4-51	H. E. Cooke	U
1272	Electronic Computer Division Personnel	9-1-51		U
1273	Vacuum Tube Failures During the Month of August, 1951	9-1-51	H. B. Frost M. C. Mackay	U
1274	Summary of Production Progress and Schedule Changes, Week Ending August 31, 1951	8-31-51	R. A. Osborne C. W. Watt	U
1275	6889- Air Defense Bi-Weekly August 31, 1951	8-31-51		C

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1276	ES Storage, Bank B Installation	9-11-51	H. L. Ziegler	U
1277	Progress Report, M. S. Thesis: Index Marking of Magnetic Tape	7-17-51 to 9-15-51	T. L. Roess	U
1278	Bi-Weekly Report, September 14, 1951	9-14-51		U
1279	Meeting of 14 September 1951 on Magnetic Tape Units	9-18-51	B. E. Morris	U
1280	The Use of "DAG" for Interior Wall Coating	9-20-51	R. A. Maglio	U
1281	6889-Air Defense Bi-Weekly September 14, 1951	9-14-51		C
1282	M. S. Thesis Proposal: A Multi-Position Magnetic Switch and Its Incorporation Into a Magnetic Memory	9-21-51	K. E. Olsen	U
1283	Spares for Transformers (And Other Parts) In WWI 500-Volt Supplies	9-24-51	W. J. Nolan	U
1284	Method of Preparing Subroutines for the Subroutine Library	9-24-51	J. W. Carr III J. T. Gilmore Jr.	U
1285	Summary of Production Progress and Schedule Changes, Week Ending September 23, 1951	9-23-51	R. A. Osborne C. W. Watt	U
1286	Proposed Change in the Drawing Numbering System	9-27-51	R. E. Hunt	U
1287	Organization of Subroutine Library	9-28-51	J. W. Carr III	U
1288	M.S. Thesis Proposal: Applications of Self-Correcting Codes to Digital Computers	9-28-51	F. E. Heart	U
1289	Summary of Production Progress and Schedule Changes, Week Ending September 2, 1951	9-28-51	R. A. Osborne C. W. Watt	U
1290	Bi-Weekly Report, September 28, 1951	9-28-51		U

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1291	M. S. Thesis Proposal: The Application of High-Speed Information Processing Techniques in a Retail Store	12-18-51	B. E. Morriss Jr	U
1292	Laboratory Personnel	10-1-51		U
1293	Progress Report, Project 6751, March 1 to October 1, 1951	10-2-51	H. E. Cooke E. S. Kopley J. D. Porter	U
1294	September 1951 Storage and Research Tube Summary	10-2-51	H. E. Cooke	U
1295	Vacuum Tube Failures During the Month of September, 1951	10-1-51	H. B. Frost M. C. Mackey	U
1296	6889-Air Defense Bi-Weekly September 28, 1951	9-28-51		C
1297	Repair of Delay Lines	10-9-51	B. B. Paine	U
1298	Bi-Weekly Report, October 12, 1951	10-12-51		U
1299	Statistical Filtering	10-16-51	A. Katz	C
1300	Trip to Bell Laboratories, Whippany	10-18-51	D. R. Brown	U
1301	6889-Air Defense Bi-Weekly October 11, 1951	10-11-51		C
1302	Flexewriter Equipment Planning	10-18-51	C. W. Watt	U
1303	Possible Uses of a Magnetic Drum with the Library of Subroutines	10-22-51	J. W. Carr III	U
1304	Progress on Subroutine Library	10-23-51	J. W. Carr III	U
1305	Cancelled			
1306	Bi-Weekly Report, October 26, 1951	10-26-51		U
1307	Reliability Studies - A Proposal	10-26-51	C. W. Watt	U
1308	Programming for Extra ES Registers	10-25-51	M. F. Mann	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cl.</u>
1309	Modifications to Order qp, and Tape Output Unit	10-30-51	L. H. Norcott	U
1310	Critical Procurement List-Relays	10-23-51		U
1311	Conversion of the WWI Flip-Flop to D.C. Coupling	10-25-51	F. Irish	U
1312	Component Analysis to Assist the Revision of Standards	10-31-51		U
1313	Laboratory Personnel	11-1-51		U
1314	6889-Air Defense Bi-Weekly October 26, 1951	10-26-51		C
1315	October 1951 Storage and Research Tube Summary	11-2-51	H. E. Cooke	U
1316	Order-by-Order Print-Out	11-2-51	J. W. Carr III	U
1317	Summary of WWI Component Failure Analysis During September-October 1951	11-2-51	B.B. Paine	U
1318	Meeting on Air Defense Computer	11-5-51	B. E. Morriss	C
1319	Second Meeting on Air Defense Computer, November 6, 1951	11-6-51	B. E. Morriss	C
1320	Third Meeting on Air Defense Computer, November 7, 1951	11-7-51	B. E. Morriss	C
1321	Fourth Meeting on Air Defense Computer	11-8-51	B. E. Morriss	C
1322	Fifth Meeting on Air Defense Computer	11-9-51	B. E. Morriss	C
1323	Proposed Addition of a Parity Checking Arrangement to the Final Paper Tape Input Equipment	11-6-51	F. E. Heart	U
1324	Procedure for Submitting Subroutines to the Subroutine Library	11-9-51	D. E. Landhan	U

<u>No. 6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1325	Estimates of Improvements Resulting from Concurrent Operation of Two Banks of Storage or Use of Multiple Address Order Codes	11-19-51	D. R. Israel	C
1326	Bi-Weekly Report, November 9, 1951	11-9-51		U
1327	Summary of First Four Meetings on Air Defense Computer	11-9-51	D. R. Brown B. E. Morriss	C
1328	Flexowriter Tape Comparer	11-16-51	J. W. Carr III	U
1329	Proposed Organization of Matrix Calculations on Whirlwind I	11-16-51	J. W. Carr III	U
1330	Component Usage - Abstract of "Application Design Notes"	11-16-51		U
1331	New Form for the Mathematics Section of the Bi-Weekly Report	11-20-51	C. W. Adams	U
1332	Progress Report: M. S. Thesis: Index Marking of Magnetic Tape	9-15-51 to 10-19-51	T. L. Roess	U
1333	Traffic System of Photographs Taken by Fairchild Camera	11-21-51	J. T. Gilmore	U
1334	Air Defense Bi-Weekly Report, November 9, 1951	11-9-51		C
1335	M. S. Thesis: An Investigation of Ferroelectrics for Digital Information Storage	11-23-51	D. A. Buck	U
1336	Bi-Weekly Report, November 23, 1951	11-23-51		U
1337	Use of the Interim Magnetic Tape Equipment	11-27-51	F. E. Heart	U
1338	Breadboard and Prototype Panels	11-27-51	R. A. Osborne	U
1339	Air Defense Bi-Weekly, November 23, 1951	11-23-51		C
1340	WWI Power Supplies Meeting	11-28-51	J. J. Gano	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1341	Laboratory Personnel	12-1-51		U
1342	Two Types of Non-Linear Smoothing	11-27-51	C. H. Gaudette	C
1343	Description of Basic-Track-While-Scan and Interception Program	12-3-51	D. R. Israel	C
1344	Smoothing Equations for Velocity and Heading	12-13-51	D. R. Israel	U
1345	November 1951 Storage and Research Tube Summary	12-3-51	H. E. Cooke	U
1346	Interim Report on Planning for the Cape Cod System	12-5-51	C. R. Wieser H. W. Boehmer	C
1347	Discussion of Magnetic Drum Systems at Engineering Research Associates, 27-28 November 1951	12-7-51	E. S. Rich	U
1348	Bi-Weekly Report, December 7, 1951	12-7-51		U
1349	Procedure for Requesting Tape Preparation	12-11-51	J. T. Gilmore	U
1350	Operational Procedure on the Whirlwind Computer	12-10-51	J. T. Gilmore	U
1351	CANCELLED			
1352	Thesis Proposal: A System for Testing M.I.T. Electrostatic Storage Tube	12-12-51	H. J. Platt	U
1353	Thesis Proposal: A High-Speed Counter Employing Transistor	12-3-51	J. Jacobs	U
1354	Indoctrination Program (Air Defense)	12-17-51		C
1355	Bi-Weekly Report, Air Defense, December 7, 1951	12-7-51		U
1356	Laboratory Personnel	1-1-52		U
1357	Bi-Weekly Report, December 21, 1951	12-21-51		U

<u>No.68</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1358	Operation of Magnetic Drums with WWI	12-27-51	E. S. Rich	U
1359	Informal Programming Sessions at the Philadelphia A.I.E.E., I.R.E., A.G.M. Convention	12-19-51	J. W. Carr III	U
1360	Magnetic Material Charges	12-28-51	H. Fahnestock	U
1361	Bi-Weekly Report, Air Defense, December 21, 1951	12-21-51		C
1362	Current Distribution in the High Velocity Beam in the M.I.T. Electrostatic Storage Tube: M.S. Thesis Proposal	1-11-52	A. Stein	U
1363	Summary of Component Analysis During November- December 1951	1-3-52	B. B. Paine	U
1364	Bi-Weekly Report, January 4, 1951	1-4-51		U
1365	Improvement of Deflection Array Alignment in a System of Electro- static Storage Tubes: M.S. Thesis Proposal		R. B. Turner	U
1366	Division VI Organization List	1-10-52	J. W. Forrester	U
1367	Bi-Weekly Report, Air Defense, January 4, 1952	1-4-52		C
1368	December 1951 Storage and Re- search Tube Summary	1-10-52	H. E. Cooke	U
1369	Trip to General Ceramics, January 9, 1952	1-10-52	D. R. Brown	U
1370	Automatic Aircraft Guidance	1-14-52	H. W. Boehmer C. R. Wieser	C
1371	Magnetic Core Activity	1-15-52	W. N. Papiian	U
1372	Acceptance of WWI Panels	1-16-52	S. H. Dodd	U
1373	Availability and Safety of Technicians	1-21-52	H. F. Mercer	U
1374	Outline of Perforated-Tape Handling Equipment Needed for WWI Applications	1-18-52	C. W. Adams	U

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1375	Indoctrination Program (Air Defense)	1-23-52		C
1376	An Investigation of Ferro-electrics for Digital Information Storage: P.R. No.1, M. S. Thesis	11-23-51 to 1-15-52	D. A. Buck	U
1377	Internal Documents on Ferromagnetic and Ferroelectric Cores	1-18-52	W. N. Papian	U
1378	Bi-Weekly Report, January 18, 1952	1-18-52		U
1379	Trips to ERA and University of Illinois	1-21-52	C. C. Corderman	U
1380	Symposium on Williams' -- Tube Storage	1-22-52	T. S. Greenwood	U
1381	Magnetic-Core Memory Matrix Analysis (Effect of Driver Impedance)	1-24-52	D. A. Buck	U
1382	6889 Air Defense Bi-Weekly, January 18, 1952	1-18-52		C
1383	Block Diagram of the Buffer Drum System	1-25-52	E. S. Rich	U
1384	Trouble Location Procedures	2-1-52	D. A. Kemper	U
1385	Subroutine Procedures	2-4-52	D. C. Lenihan	U
1386	Bi-Weekly Report, February 1, 1952	2-1-52		U
1387	Discussion with Warren White on Non-Linear Smoothing	1-30-52	G. Cooper	C
1388	Laboratory Personnel	2-1-52		U
1389	6889 Air Defense Bi-Weekly, February 1, 1952	2-1-52		C
1390	January 1952 Storage and Research Tube Summary	2-7-52	A. J. Cann	U
1391	Flexowriter Equipment Planning and Progress Report	2-7-52	L. H. Norcott	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1392	Approval and Issue of Revised Standards	2-8-52	H. W. Hodgdon	U
1393	WWI Drawing and Panel Change Procedures	2-15-52	S. H. Dodd	U
1394	Tape Preparation Procedure	1-28-52	C. W. Adams	U
1395	The Dynamic Analysis of Regulated D. C. Power Supplies for Large Loads. M.S. Thesis Proposal	2-4-52	J.J. Gano	U
1396	Sample Problems for Applicants for Employment	2-11-52	D. R. Israel	U
1397	WWII Meeting of February 1, 1952	2-6-52	N. H. Taylor	C
1398	Reporting on Troubles Affecting Computer Reliability	2-15-52	S. H. Dodd	U
1399	Bi-Weekly Report, February 15, 1952	2-15-52		U
1400	Stabilized Transistor as a Four Terminal Non-Linear Network	3-6-52	J. F. Jacobs	U
1401	Regenerative Transistor Pulse Amplifiers M.S. Thesis Proposal	2-18-52	A. W. Heineck	U
1402	WWII Meeting of February 8, 1952	2-18-52	N. H. Taylor	C
1403	M.S. Thesis Proposal: The Display of Arabic Numerals on a Cathode Ray Tube	2-19-52	F. E. Irish Jr.	U
1404	Transistor Group Experimental Procedures	2-20-52	N. T. Jones	U
1405	6889 Air Defense Bi-Weekly, February 15, 1952	2-29-52		C
1406	General Notes on Negative Resistance Transistor Circuits	2-21-52	J. F. Jacobs N. T. Jones	U
1407	WWII Meeting of February 15, 1952	2-26-52	N. H. Taylor R. P. Mayer	C

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1408	Quarterly Report, Contract N5ori 06002, July through September, 1951		W. K. Linvill	U
1409	P.R. No.1: A System for Testing M.I.T. Electrostatic Storage Tubes	1-15-52 to 2-22-52	H. J. Platt	U
1410	Results of Numerical Solutions of Linear Parabolic Partial Differential Equations	2-14-52	J. D. Porter	U
1411	Receiving Terminal Equipment for the Cape Cod System	2-27-52	C. R. Wieser C.R. Whelan	C
1412	Precautions and Operating Notes for the Project Whirlwind R-F Induction Heater	2-28-52	F. H. Caswell	U
1413	Selected Readings for New Staff Members	2-20-52	J. N. Ulman R. R. Rathbone	U
1414	P.R. No.1, M. S. Thesis : Cur- rent Distribution in the High Velocity Beam in the M.I.T. Electrostatic Storage Tube	1-15-52 to 3-1-52	A. M. Stein	U
1415	Bi-Weekly Report, February 29, 1952	2-29-52		U
1416	Laboratory Personnel	3-6-52		U
1417	WWII Meeting of February 29, 1952	3-3-52	R. P. Mayer N. H. Taylor	C
1418	Laboratory Telephones	3-5-52	H. Fahnestock	U
1419	Air Defense Bi-Weekly , February 29, 1952	2-29-52		C
1420	WWII Meeting of March 7, 1952	3-10-52	N. H. Taylor R. P. Mayer	C
1421	Outline of Indoctrination Course	3-11-52	D. R. Israel W. S. Attridge	C
1422	February 1952 Storage and Re- search Tube Summary	3-10-52	A. J. Cann	U

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1423	Summary of Component Analysis During January-February, 1952	3-12-52	B. B. Paine	U
1424	Notes on a Series of Lectures on Steepest Descent Methods for Linear Problems in Applied Mathematics, Presented to the Harvard Applied Mathematics Colloquium by Professor E. Stiefel	3-17-52	D. Aronson	U
1425	P.R. No.1: Dynamic Analysis of Regulated D.C. Power Supplies for Large Loads	2-5-52 to 3-14-52	J. J. Gano	U
1426	Bi-Weekly Report, March 14, 1952	3-14-52		U
1427	Vacuum Tube Failures During the Month of October, 1951	3-14-52	H. B. Frost A. J. Parisi	U
1428	WWII Meeting of March 14, 1952	3-14-52		C
1429	A Binary Adder Using Magnetic-Core Flip-Flops. M.S. Thesis Proposal	3-19-52	R. C. Sims	U
1430	Emitter and Base Triggering of a Single Transistor, Base-Stabilized Flip-Flop	3-20-52	W. A. Klein A. Heineck	U
1431	Group 61 Bi-Weekly Report, March 14, 1952	3-14-52		C
1432	WWII Meeting of March 21, 1952	3-21-52		C
1433	A Positive or Negative Regenerative Transistor Pulse Amplifier	3-25-52	A. W. Heineck	U
1434	Procedure for Stripping Enamelled Wires	3-27-52	B. B. Paine	U
1435	Bi-Weekly Report, March 28, 1952	3-28-52		U
1436	WWII Meeting of March 21, 1952	3-28-52		C
1437	March 1952 Storage and Research Tube Summary	4-1-52	A. J. Cann	U
1438	Experimental Study of Statistical Filters	4-2-52	A. Katz	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1439	P.R. No.2 : Dynamic Analysis of Regulated D.C. Power Supplies to for Large Loads	3-14-52 4-1-52	J. J. Gano	U
1440	Laboratory Personnel	4-1-52		U
1441	Vacuum Tube Failures During the Month of November, 1951	4-3-52	H. B. Frost A. J. Parisi	U
1442	Linearized Characteristics of a Base Fed, Grounded Emitter Transistor	4-3-52	W. A. Klein J. F. Jacobs	U
1443	The Dismantling and Reassembling of System No. 4 for Purpose of Cleaning	4-3-52	E. J. Skrzypinski	U
1444	Time Schedule for WWII Computer	4-3-52	N. H. Taylor	C
1445	Automatic Assembly of Programs	4-23-52	J. W. Carr III	U
1446	P.R. No.2: A System for Testing M.I.T. Electrostatic Storage Tubes	2-23-52 3-31-52	H. J. Platt	U
1447	Application of Vinyl Sleeving to Storage Tube Leads	4-8-52	A. J. Cann	U
1448	Group 61 Bi-Weekly Report, March 28, 1952	3-28-52		C
1449	WWII Block Diagrams Meeting of April 8, 1952	4-8-52	W. Hosier	C
1450	P.R. No.2: Ferroelectrics for Digital Information Storage and Switching	1-15-52 4-7-52	D.A. Buck	U
1451	Vacuum Tube Failures During the Month of December, 1951	4-9-52	H. B. Frost A. J. Parisi	U
1452	General Nature of Work Involved in Using a Digital Computer as a Control Element in Physical System	4-10-52	D. R. Israel R. A. Nelson	U
1453	WWII Meeting of April 4, 1952	4-9-52	N. H. Taylor R. P. Mayer	C

<u>No.62</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1454	Discussion of Magnetic Drum Systems at Engineering Research Associates, March 25 & 26, 1952	4-11-52	E. S. Rich	U
1455	Bi-Weekly Report, April 11, 1952	4-11-52		U
1456	Silver Evaporation on System #4	6-19-52	E. J. Skrzypinski	U
1457	WWII Block Diagrams Meeting of April 10, 1952	4-10-52	W. A. Hosier	C
1458	P.R. No. 2, M. S. Thesis: Current Distribution in the High Velocity Beam in the M.I.T. Electrostatic Storage Tube	3-1-52 to 4-15-52	A. M. Stein	U
1459	Preliminary Design of Transistor Test Accumulator and A-Register	4-15-52	D. Eckl	U
1460	Group 61 Bi-Weekly Report, April 11, 1952	4-11-52		C
1461	WWII Meeting of April 11, 1952	4-21-52	N. H. Taylor R. P. Mayer	C
1462	P. R. No. 1, M. S. Thesis: The Display of Arabic Numerals on a Cathode Ray Tube	2-19-52 to 4-19-52	F. E. Irish	U
1463	Laboratory Standards Program	4-21-52	H. W. Hodgdon	U
1464	Predicted Operating Statistics for WWII	4-24-52	H. J. Grosch	C
1465	Internal Reports of the Transistor Group	4-24-52	J. F. Jacobs	U
1466	WWII Block Diagrams Meetings of April 16 & 17, 1952	4-28-52	W. A. Hosier	C
1467	Bi-Weekly Report, April 25, 1952	4-25-52		U
1468	Boundary Conditions for WWII Design	4-29-52	J. W. Forrester	C
1469	WWII Block Diagrams Meeting of April 22, 1952	4-30-52	R. P. Mayer	C
1470	Group 61 Bi-Weekly Report, April 25, 1952	4-25-52		U

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1471	P. R. No.3, M.S.Thesis: Dynamic Analysis of Regulated D.C. Power to Supplies for Large Loads	4-1-52 4-30-52	J. J. Gano	U
1472	April 1952 Storage and Research Tube Summary	5-1-52	R. E. Hegler	U
1473	Utilization of Magnetic Drum and High-Speed Random-Access Storage	5-2-52	R. L. Walquist	U
1474	Additional Rack Space for Magnetic Tape Equipment	5-1-52	K. E. McVicar	U
1475	WWII Block Diagrams Meeting of April 24, 1952	5-5-52	W. A. Hosier	C
1476	Laboratory Personnel	5-1-52		U
1477	Design of Low-Power Pulse Transformers Using Ferrite Cores (M.S. Thesis Proposal)	5-5-52	R. D. Robinson	U
1478	Transistor Circuits as Realizations of Boolean Functions	5-6-52	J. F. Jacobs W. A. Klein	U
1479	M. S. Thesis Proposal: Precise Determination of Phase at 10 Megacycles, and Presentation of a Curve of Phase Response vs. Frequency	5-7-52	B. R. Remis	U
1480	A Transistor "And" Gate	5-7-52	R. J. Callahan	U
1481	WWII Block Diagrams Meeting of May 1, 1952	5-8-52	W. A. Hosier	C
1482	Project Lincoln Quarterly Progress Reports	5-9-52	J. N. Ulman Jr.	C
1483	Stereo Display for Whirlwind	5-9-52	J. H. Hughes	U
1484	Bi-Weekly Report, May 9, 1952	5-9-52		U
1485	Symposium of Progress in Quality Electronic Components-- Washington, D.C., May 5, 6, & 7, 1952	5-13-52	C. W. Watt B. B. Paine	U
1486	WWII Block Diagrams Meeting of May 6 & 8, 1952	5-13-52	W. A. Hosier	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1487	Proposed Layout of Room 156 and Required Wireways	5-13-52	R. Hunt	U
1488	Group 61 Bi-Weekly Report, May 9, 1952	5-9-52		C
1489	Solution of Interceptions Equations	7-14-52	P. Cioffi	C
1490	Procedure for Receiving Magnetic Cores	5-16-52	D. R. Brown	U
1491	Effects of Ions in the M.I.T. Electrostatic Storage Tube (M.S. Thesis Proposal)	5-22-52	H. Jacobowitz	U
1492	Limit-Mean-Smoothing	5-16-52	G. Cooper	C
1493	Air Conditioning Recommendations for Room 156 and Provision for Possibel Future Air Conditioning Requirements	5-27-52	J. H. Newitt	U
1494	Subject Card Index for Laboratory Publications	5-19-52	A. F. Ryan	U
1495	WWII Meeting of April 25, 1952	5-21-52	N. H. Taylor R. P. Mayer	C
1496	Signed Ternary Arithmetic	5-22-52	H. R. J. Grosch	U
1497	Purchase Order Notification	5-22-52	H. Fahnestock	U
1498	WWII Meeting pf May 9, 1952	5-23-52	N. H. Taylor R. P. Mayer	C
1499	The Interim Magnetic Tape System	5-23-52	S. B. Ginsburg K. K. McVicar	U
1500	WWII Meeting of May 16, 1952	5-23-52	N. H. Taylor W. A. Hosier	C
1501-1	Accounting Procedures	5-26-52	H. B. Morley	U
1502	Construction Procedure for Engineers	5-27-52	C. W. Watt	U
1503	Bi-Weekly Report, May 23, 1952	5-23-52		U
1504	WWII Block Diagrams Group Meetings of May 13 & 15, 1952	5-27-52	W. A. Hosier	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1505	Group 61 Bi-Weekly Report, May 23, 1952	5-23-52		C
1506	WWII Block Diagrams Group Mee- tings of May 20 & 22, 1952	5-29-52	W. A. Hosier	C
1507	Vacuum Tube Failures During the Month of January, 1952	6-2-52	A. J. Pavid H. B. Frest	U
1508	May, 1952 Storage and Research Tube Summary	6-1-52	R. E. Hegler	U
1509	Test Results and Proposed Modi- fication of AFCEC Flip-Flop	6-3-52	R. L. Best	U
1510	Production of Stannic-Oxide Conductive Coatings on Glass	6-5-52	R. A. Maglio	U
1511	WWII Block Diagrams Group Mee- tings, May 27, 29, & June 3, 1952	6-4-52	W. A. Hosier	C
1512	Laboratory Personnel	6-1-52		U
1513	Utility Programs Available to Whirlwind Operators	6-17-52	J. T. Gilmore	U
1514	Outline of Present Interim Operation of WWI Input-Output Equipment	6-10-52	F. E. Heart	U
1515	Interception Experiments with Bedford MEW	6-11-52	D. R. Israel	C
1516	Use of the Interim Magnetic Tape Print-Out Equipment	6-6-52	E. P. Farnsworth	U
1517	Bi-Weekly Report, June 6, 1952	6-6-52		U
1518	WWII Meeting of May 23, 1952	6-10-52	N. H. Taylor R. P. Mayer	C
1519	A High-Speed Flip-Flop Circuit Using Junction Transistors (M.S. Thesis Proposal)	6-9-52	A. M. Heien	U
1520	Major Failures of Components in WWI, August 1951-May, 1952	6-11-52	B. B. Paine	
1521	A Description of Smoothing Me- thods Developed in Connection with the Bedford Experiments	6-13-52	D. R. Israel C. Gaudette	C

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1522	Identification of Assigned Stock for Experimental Work or Breadboards	4-17-52	C. W. Watt	U
1523	Requisitioning Tubes from the Tube Shop for Assemblies	4-17-52	C. W. Watt	U
1524	Procedures for Processing Rough Draft and Final Parts List	5-14-52	F. F. Manning	U
1525	Pulling of Stock in Emergencies	5-15-52	C. W. Watt	U
1526	Incoming Materials Inspection	5-20-52	C. W. Watt	U
1527	Procedures and Record-Keeping in the Component Inspection Group	6-10-52	B. B. Paine	U
1528	Group 61 Bi-Weekly Report, June 6, 1952	6-6-52		C
1529	Conference on Magnetic-Core Switching Phenomena	6-16-52	A. Katz	U
1530	Proposed Operation of New Power Supply Control System for Room 156 Equipment	6-17-52	R. E. Hunt	U
1531	Interior Wall Coating(Dag)	6-17-52	J. S. Palermo	U
1532	Assembly Work by an Outside Vendor	6-18-52	C. W. Watt	U
1533	Operating the Interim Magnetic Tape System	6-18-52	K. E. McVicar	U
1534	Punching Paper Tape from Magnetic Tape	6-20-52	E. P. Farnsworth	U
1535	Discussion of Magnetic Drum Systems at Engineering Research Associates, June 10 & 11, 1952	6-23-52	E. S. Rich	U
1536	Detection of Straight Lines from Quantized Samples	6-24-52	W. I. Wells	U
1537	Bi-Weekly Report, June 20, 1952	6-20-52		U
1538	Procedure for Spraying Cathodes of Storage Tube Guns	12-15-52	F. Caswell	U

<u>No.</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1539	Group 61 Bi-Weekly Report, June 20, 1952	6-20-52		C
1540	Notes on the Specifications of the RCA TA 165	6-26-52	J. F. Jacobs	U
1541	Brief Description of Transistor Types	6-20-52	N. T. Jones	U
1542	Decoding on GOC Post Locations	7-1-52	C. Gaudette	C
1543	June 1952 Storage and Research Tube Summary	7-1-52	R. Hegler	U
1544	Effects of Ions in the M.I.T. Electrostatic Storage Tube PR #1	6-1-52 7-1-52	H. Jacobowitz	U
1545	Painting, Air Distribution, and Lighting for Room 156	7-1-52	G. F. Sandy	U
1546	Bi-Weekly Report, July 3, 1952	7-3-52		U
1547	Initial Decisions on WWIA Block Diagrams	7-7-52	W. A. Hosier	C
1548	Use of WWI by Industrial Organ- izations	7-7-52	C. W. Adams	U
1549	Laboratory Personnel	7-1-52		U
1550	Trip to Magnetics, Inc., June 26, 1952	7-8-52	D. R. Brown	U
1551	Initial Operation of WWI Ter- minal Equipment with the New In-Out System	7-17-52	F. E. Heart	U
1552	CANCELLED			
1553	Group 61 Bi-Weekly Report, July 3, 1952	7-3-52		C
1554	Revised Numerical Index for Group 61 Programs	7-10-52	D. R. Israel	C
1555	A Three Megacycle Transistor Flip-Flop	7-9-52	A. W. Heineck	U
1556	Project Lincoln Second Quarterly Progress Report	7-18-52	J. N. Ulman	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1557	Trip Report of Visit to Bell Telephone Laboratories, I.B.M., Glenco Naval Research Laboratory and Dr. C. F. Pulvari	7-17-52	D.A. Buck	U
1558	Program for Accounting on Test Equipment	7-18-52	Test Equipment Committee	U
1559	Summary of Component Analysis During March, April, May, & June 1952	7-21-52	E. B. Paine	U
1560	Bi-Weekly Report, July 18, 1952	7-18-52		U
1561	Vacuum Tube Failures During the Month of February, 1952	7-21-52	H. B. Frost A. J. Parisi	U
1562	WWII Meeting of July 18, 1952	7-24-52	N. H. Taylor W. A. Hosier	C
1563	Group 61, Bi-Weekly Report, July 18, 1952	7-18-52		C
1564	CANCELLED			
1565	Installation Scheduling	7-28-52	C. W. Watt	U
1566	MTC Meeting of July 25, 1952	7-28-52	R. R. Everett W. A. Hosier	U
1567	Meeting on In-Out Installation, July 30, 1952	7-31-52	J. A. O'Brien	U
1568	Visit to Control Instrument Company and Subsequent Telephone Conversations	8-4-52	L. Sutro D. R. Brown	U
1569	Test Equipment Committee Meeting of July 25, 1952	7-28-52		U
1570	WWII Meeting July 25, 1952	7-29-52	N. H. Taylor R. C. Jeffrey	C
1571	Setting of Minimum Stocks	7-28-52	C. W. Watt	U
1572	Air Conditioning Specifications for WWI New Equipment Program	7-28-52	J. H. Newitt	U
1573	Laboratory Personnel	8-1-52		U

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1574	Plug-In Units, Engineering Conference	8-8-52	S. H. Dodd	U
1575	Bi-Weekly Report, August 1, 1952	8-1-52		U
1576	Vacuum Tube Failures During the Month of March, 1952	7-8-52	H. B. Frost A. J. Parisi	U
1577	Quarterly Status Report, Contract N5ori-06002, October through December 1951	8-4-52	W. K. Linvill	C
1578	Quarterly Status Report, Contract N5ori-06002, April through June 1952	8-4-52	W. K. Linvill	C
1579	Vacuum Tube Failures During the Month of April 1952	8-1-52	A. J. Parisi H. B. Frost	U
1580	Processing of Storage Tube on the Vacuum System	8-5-52	R. J. Biagiotti	U
1581	Minutes of the Meeting of August 1, 1952	8-6-52	L. Sutro	U
1582	High-Speed Magnetic Pulse Control Circuits for Computers	8-6-52	H. K. Rising	U
1583	Group 61 Bi-Weekly Report, August 1, 1952	8-1-52		C
1584	Quarterly Status Report, Contract N5ori-06002, January through March, 1952	8-4-52	W. K. Linvill	U
1585	WWII Meeting of June 13, 1952	8-8-52	R. P. Mayer N. H. Taylor	C
1586	Trip to Magnetica, Inc., August 5, 1952	8-8-52	B. R. Brown	U
1587	Plug-In Unit Purchase Approval	8-11-52	H. Fahnestock	U
1588	Group 61 Records and Procedures	8-8-52	P. Bagley P. Cioffi	U
1589	Second Liaison Report, WWI New Equipment Progress	8-11-52	J. H. Newitt	U
1590	Proposed September, 1952, Input and Conversion Programs	8-12-52	C. W. Adams	U

<u>No.62</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1591	Description of Special Input Program, Tape No.2000	8-28-52	I. Mann	U
1592	MTC Power Supply Meeting of August 11, 1952	8-12-52	H. K. Smead R. Farmer	U
1593	Minutes of the Meeting of August 11, 1952	8-12-52	L. Sutro	U
1594	Tape Room Procedure	8-13-52	C. W. Adams	U
1595	Quantity and Distribution of Plug-In Units	8-14-52	H. Fahnestock	U
1596	July, 1952 Storage and Research Tube Summary	8-4-52	D. M. Fisher R. E. Hegler	U
1597	Discussion of Group 61 GOC Test of July 15, 1952 and July 29, 1952	8-13-52	M. Brand	C
1598	Procedures in Connection with Flight Test and Ampex Tape Records	8-14-52	D. R. Israel A. Hill P. Dolan	C
1599	Bi-Weekly Report, August 15, 1952	8-15-52		U
1600	Programming for Stationary Clutter Rejection	8-19-52	P. R. Bagley	C
1601	MTC Meeting of August 15, 1952	8-20-52	W. A. Hosier	U
1602	MTC Meeting of August 18, 1952	8-20-52	W. A. Hosier	U
1603	Group 61 Bi-Weekly Report, August 15, 1952	8-15-52		C
1604	The Use of the Tektronix Scope with Fast Rise-Time Signals	8-20-52	H. J. Platt	U
1605	MTC Meeting of August 4, 1952	8-20-52	W. A. Hosier	U
1606	Naming Equipment and Drawings	8-21-52	H. Fahnestock	U
1607	Raytheon Tour Conducted by George Freedman, Herb Stark	8-14-52	J. Wolf	U
1608	CANCELLED			
1609	Temporary Flight Plan Schedule for the Month of September, 1952	8-22-52	D. R. Israel C. Zrakat	C

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1610	Evaluation of Sample French Westcral Transistors	8-11-52	N. T. Jones	U
1611	MTC Meeting of August 22, 1952	8-22-52	R.R. Everett W. A. Hosier	U
1612	Minutes of the Meeting of August 18, 1952	8-25-52	L. Sutro	U
1613	Power Supply Control Meeting, August 10, 1952	8-26-52	C. W. Watt	U
1614	Discussion of Magnetic Drum Systems at Engineering Research Associates, August 14 & 15, 1952	8-26-52	E. S. Rich C. W. Watt	U
1615	Test Checking of a Magnetic Drum Buffer Storage System (M. S. Thesis Proposal)	8-29-52	C. A. Zarket	U
1616	The Engineering Application of Stable Emitters to Electron Guns (M.S. Thesis Proposal)	8-29-52	T. S. Greenwood	U
1617	Vacuum Tube Failures During the Month of May, 1952		H. B. Frost A. J. Parisi	U
1618	CANCELLED			
1619	Bi-Weekly Report, August 29, 1952	8-29-52		U
1620	Interpretation of Transistor Data Cards	8-21-52	N. T. Jones	U
1621	August 1952 Storage and Research Tube Summary	9-3-52	D. M. Fisher	U
1622	Minutes of the Meeting of August 25, 1952	9-3-52	L. Sutro	U
1623	Programming for In-Out Units	9-17-52	P. Bagley	U
1624	Short Guide to Coding and Whirlwind I Operation Code	9-2-52	P. Bagley	U
1625	A Criterion for Assigning Targets to Batteries in an Anti-Aircraft System	9-11-52	J. J. Cahill Jr.	C
1626	CANCELLED			

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1627	The Raytheon Production of Plug-In Units	9-5-52	C. W. Watt	U
1628	Minutes of the Test Equipment Committee Meeting, August 29, 1952	9-4-52	L. Sutro	U
1629	Discussion of Group 61 GOC Test of August 26, 1952 and September 2, 1952	9-5-52	M. I. Brand	U
1630	Design of Receiving and Conversion Equipment for SDW Data	9-8-52	E. S. Rich	C
1631	Group 61 Subroutine Library	9-5-52	W. Lone	U
1632	Proposed Machine Shop Ex - pansion	9-9-52	C. W. Watt	U
1633	Trip to Control Instrument Co., August 27, 28, 29 and September 3, 1952	9-9-52	B. B. Paine	U
1634	General Notes on Theory and Technique of Spot Welding in Vacuum Tube Work	9-9-52	F. H. Caswell	U
1635	MTC Meeting of September 9, 1952	9-10-52	W. A. Hosier R. R. Everett	U
1636	Laboratory Personnel	9-15-52		U
1637	Minutes of the Test Equipment Committee Meeting, September 8, 1952	9-11-52	L. Sutro	U
1638	Group 61 Bi-Weekly Report, August 29, 1952	8-29-52		C
1639	Bi-Weekly Report, September 12, 1952	9-12-52		U
1640	WWII Meeting of September 12, 1952	9-15-52	W. A. Hosier N. H. Taylor K. Olsen	C
1641	Group 61 Bi-Weekly Report, September 12, 1952	9-12-52		C
1642	Security of Classified Programs of Group 61	9-16-52	P. Bagley	C

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1643	Control Matrix Modifications to be Made 23 September, 1952	9-18-52	J. H. Hughes	U
1644	Stock Control	9-23-52	G. A. Lexander	U
1645	CANCELLED			
1646	Minutes of Test Equipment Committee Meeting of September 15, 1952	9-23-52	L. Sutro	U
1647	Vacuum Tube Failures During the Month of June, 1952	9-23-52	H. B. Frost A. J. Parisi	U
1648	Calendar Refills for 1953	9-25-52	G. A. Lexander	U
1649	Proposed New Order so, Subtract One	9-24-52	J. H. Hughes	U
1650	The Effect of Size of Metal Cores on Pulse and Hysteresis Measurements	9-25-52	R. F. Jenney	U
1651	Bi-Weekly Report, September 26, 1952	9-26-52		U
1652	Basing Procedure	9-29-52	A. C. Haacke	U
1653	Engineering Relationships with IBM	9-30-52	A. P. Kroemer	U
1654	Suggested Automobile Route from MIT to IBM	9-30-52	A. P. Kroemer	U
1655	Laboratory Personnel	10-1-52		U
1656	Flight Test Schedule for Month of October	9-30-52	A. Hill C. Gaudette C. Zraket	C
1657	Test Equipment Committee Meeting Minutes September 29, 1952	9-30-52	L. Sutro	U
1658	Vacuum Tube Failures During the Month of July 1952		H. B. Frost A. J. Parisi	U
1659	Tentative Schedule for Delivery and Testing of Auxilary Drum System	10-1-52	K. E. McVicar P. W. Stephan	U

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1660	Group 61 Air Defense Bi-Weekly, September 26, 1952	9-26-52		C
1661	Schedule of Design Objectives, WWII	10-2-52	A. P. Kroemer	C
1662	Analysis of the Transistor Equivalent Circuit	10-10-52	W. A. Klein	U
1663	IBM Industrially Classified Information	10-3-52	H. Fahnestock	U
1664	Conference on Thin Evaporated Metal Films	10-6-52	A. L. Loeb	U
1665	September 1952 Storage and Re- search Tube Summary	10-1-52	B. M. Fisher	U
1666	Division 6 Group Organization List	10-9-52	J. Proctor	C
1667	Bi-Weekly Report, October 10, 1952	10-10-52		U
1668	Considerations Affecting Choice of Final Phase Tactics	10-15-52	D. R. Israel	C
1669	Internal Publications of the Arithmetic Element Section	10-7-52	J. F. Jacobs	U
1670	Records of Test Equipment	10-7-52	L. Sutro	U
1671	Computer Operation Reports	10-8-52	D. A. Morrison	U
1672	Matching of Flip-Flop Resis- tors	10-8-52	B. B. Paine	U
1673	Group 63 Seminar on Magnetism, I	10-8-52	A. L. Loeb N. Menyuk	U
1674	The Effects of Sampling and Quantization on Interception	10-9-52	W. I. Wells R. W. Sittler	C
1675	Group 63 Seminar on Mag- netism, II	10-9-52	N. Menyuk A. L. Loeb	U
1676	Polishing Specimens of Fer- rites	10-14-52	F. E. Vinal	U
1677	Dissemination of Information on IBM 701	10-16-52	H. Fahnestock	U

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1678	Group 61 Air Defense Bi-Weekly, October 10, 1952	10-10-52		C
1679	Group 63 Seminar on Magnetism, III	10-17-52	A. L. Loeb N. Menyuk	U
1680	Time Analyses Various Methods of Sorting Data	10-17-52	D. Goldenburg	C
1681	Uniformity Test on Ferrite Cores	10-21-52	J. H. McCusker	U
1682	Test Equipment Committee Meeting, October 9, 1952	10-22-52	L. Sutro	U
1683	Automatic Digital Indicator Display Units	10-20-52	D. Israel	C
1684	Association of Computing Machinery Convention, September 1952	10-27-52	C. L. Corderman T. S. Greenwood	U
1685	Print Distribution to Outside Vendors	11-14-52	A. Falcione	U
1686	Western Electric Gold-Bonded Diodes, Models A-1764, A-1815, A-1816	10-22-52	A. Aronson	U
1687	Group 63 Seminar on Magnetism, IV	10-27-52	N. Menyuk A. Loeb	U
1688	Group 63 Seminar on Magnetism, V	10-28-52	N. Menyuk A. Loeb	U
1689	Group 63 Seminar on Magnetism, VI	10-27-52	N. Menyuk A. Loeb	U
1690	Stock Room Procedure	10-27-52	G. A. Lexander	U
1691	Rectangular Hysteresis Loop Materials in a Non-Destructive Read System (B. S. Thesis Proposal)	10-20-52	W. I. Frank	U
1692	Bi-Weekly Report, October 24, 1952	10-24-52		U
1693	Laboratory Personnel	11-1-52		U
1694	Comparison of WWI (193-7) and Radio Music (PT-10) Pulse Transformers	10-31-52	E. K. Gates	U

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1695	Discussion of Group 61 GOC Tests of October 14 and October 21, 1952	10-28-52	M. Brand	C
1696	Liaison with IBM Corporation	10-28-52	H. Fahnestock	U
1697	Group 63 Seminar on Magnetism, Appendix II	10-28-52	A. Loeb N. Menyuk	U
1698	Group 61 Bi-Weekly (Air Defense)	10-24-52		C
1699	Test Checking of a Magnetic Drum Buffer Storage System Progress Report # 1	9-22-52 10-24-52	C. Zraket	U
1700	Group 63 Seminar on Magnetism, VII	10-27-52	N. Menyuk A. Loeb	U
1701	Rectangular Hysteresis Loop Materials in a Non-Destructive Read System (P.R. #1)	9-22-52 10-24-52	W. I. Frank	U
1702	Flight Test Schedule for the Month of November 1952	10-30-52	A. Hill	C
1703	Test Equipment Committee Meeting of October 23, 1952	10-30-52	L. Sutro	U
1704	Automatic Monitoring of Data Screening for Cape Cod System	10-30-52	R. L. Walquist	C
1705	Visit of October 28, 1952 to Bell Telephone Laboratories, Murray Hill, New Jersey	10-31-52	D. A. Buck	U
1706	The Application of Stable Emitters to Electron Guns (Progress Report No. #1)	9-10-52 10-24-52	T. S. Greenwood	U
1707	Vacuum Tube Failures During the Month of August, 1952	10-14-52	H.B. Frost A. J. Parisi	U
1708	Group 63 Seminar on Magnetism, VIII	11-3-52	N. Menyuk A. Loeb	U
1709	Utilization of Group 63's Computer Time	11-4-52	R. Wieser	U
1710	October 1952 Storage and Research Tube Summary	11-4-52	D. M. Fisher	U

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1711	Third Liaison Report, WWI New Equipment Progress	11-5-52	J. H. Newitt	U
1712	Discussion of Magnetic Drum Systems at Engineering Research Association, October 20-22, 1952	11-5-52	E. J. Rich	U
1713	Bi-Weekly Report, November 7, 1952	11-7-52		U
1714	Group 63 Seminar on Magnetism, IX	11-10-52	N. Menyuk A. Loeb	U
1715	Division 6 Group Organization List	11-12-52		C
1716	Ampex Tape Recordings	11-7-52	P. Dolan	C
1717	Group 61 Bi-Weekly, November 21, 1952	11-21-52		C
1718	Group 63 Seminar on Magnetism, Appendix I	11-12-52	N. Menyuk A. Loeb	U
1719	Test Equipment Committee Meeting of November 4, 1952	11-12-52	L. Sutro	U
1720	Group 63 Seminar on Magnetism, XI	11-13-52	N. Menyuk A. Loeb	U
1721	Group 63 Seminar on Magnetism, XII	11-14-52	N. Menyuk A. Loeb	U
1722	CANCELLED			
1723	Group 63 Seminar on Magnetism, XIII	11-17-52	N. Menyuk A. Loeb	U
1724	Group 63 Seminar on Magnetism, X	11-19-52	N. Menyuk A. Loeb	U
1725	Vacuum Tube Failures During the Month of September 1952 (Revised)	3-25-52	H. Frost A. Parisi	U
1726	12-Channel Ampex Recorder	11-20-52	E. S. Rich	U
1727	Laboratory Personnel	12-1-52		U
1728	Operations with the MPS 4 Nodding Beam Height Finder	11-24-52	F. Heart	C
1729	CANCELLED			

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1730	Bi Weekly Report, November 21, 1952	11-21-52		U
1731	Flight Test Schedule for the Month of December, 1952	11-25-52	A. P. Hill	C
1732	Test Equipment Committee Meeting of November 25, 1952	11-26-52	L. Sutro	U
1733	A Word by-Word Operation for the Paper Tape Punch	11-26-52	G. Young	U
1734	WWI Control Switches and Push-buttons for Normal Operation of the Computer	12-16-52	J. H. Hughes	U
1735	Interpretation of IBM Specifications for Type A and Type B Transistors	12-1-52	W. A. Klein	U
1736	Trip to General Ceramics, November 19, 20, 1952	12-2-52	W. J. Canty	U
1737	Streamlining Inspection Procedures	12-2-52	C. W. Watt	U
1738	Hole Storage in Point Contact Transistors and Germanium Diodes (M. S. Thesis Proposal)	12-3-52	N. T. Jones	U
1739	Summary of IBM-MIT Collaboration October 21, 1952 - November 30, 1952	12-3-52	A. Kroemer	C
1740	Visit to IBM, Poughkeepsie, New York	12-3-52	C. M. Watt B. B. Paine	U
1741	Metallographic Studies of Ferrites	12-4-52	D. R. Brown	U
1742	Group of Bi Weekly, November 21, 1952	11-21-52		C
1743	November 1952 Storage and Research Tube Summary	12-1-52	D. M. Fisher	U
1744	A Statistical Model for Ferromagnetism	1-14-53	A. Loeb	U
1745	Bi-Weekly Report, December 1, 1952	12-5-52		U

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1746	Test Equipment Committee Meeting of December 4, 1952	12-9-52	L. Sutro	U
1747	Group 63 Seminar on Magnetism, XIV	12-9-52	N. Menyuk A. Loeb	U
1748	Group 61 Air Defense Bi-Weekly	12-5-52		C
1749	Group 63 Seminar on Magnetism, XV	12-9-52	N. Menyuk A. Loeb	U
1750	The Application of Stable Emitters to Electron Guns -- Progress Report No.2	10-27-52 to 12-6-52	T. S. Greenwood	U
1751	Group 63 Seminar on Magnetism, XVI	12-9-52	N. Menyuk A. Loeb	U
1752	Group 63 Seminar on Magnetism, Appendix III	12-11-52	N. Menyuk A. Loeb	U
1753	Design and Construction Schedule, WWII Prototype	12-11-52	A. Loeb	C
1754	Group 63 Seminar on Magnetism, XVIII	12-11-52	N. Menyuk A. Loeb	U
1755	An Output System for MIT Electrostatic Storage Tubes (M.S. Thesis Proposal)	1-15-53	A. J. Cann	U
1756	CANCELLED			
1757	Rental of IBM Equipment	12 15-52	H. Fahnestock	U
1758	Flight Test Activity Report of November, 1952	12-16-52	A. Hill F. Heart	C
1759	Single Transistor Circulating Pulse Circuit	12-17-52	R. Gerhardt	U
1760	Group 63 Seminar on Magnetism, XIX	12-17-52	N. Menyuk A. Loeb	U
1761	Test Equipment Committee Meeting of December 15, 1952	12-17-52	L. Sutro	U
1762	Teletype Connections with IBM	12-17-52	A. P. Kroemer	U
1763	Group 63 Seminar on Magnetism, XX	12-18-52	N. Menyuk A. Loeb	U

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1764	Group 63 Seminar on Magnetism, XXI	12-18-52	N. Menyuk A. Loeb	U
1765	Summary of Group 61 Flight Test Activity - April 1951 to November 19, 1952	12-23-52	D. Israel	C
1766	Bi-Weekly Report, December 19, 1952	12-19-52		U
1767	An RF Readout System for a Coincident-Current Magnetic- Core Memory (M. S. Thesis Proposal)	12-19-52	B. Widrowitz	U
1768	Rudiments of Good Circuit Design	12-22-52	N. Taylor	U
1769	Flexowriter Equipment Alloca- tion	12-22-52	L. Norcott	U
1770	Tape Preparation Requisitions	12-22-52	M. C. Mackey	U
1771	CANCELLED			
1772	Group 63 Seminar on Magnetism, XVIII	12-24-52	N. Menyuk A. Loeb	U
1773	Group 61 Bi-Weekly Report, December 19, 1952	12-19-52		C
1774	Visit to Burroughs, Philadelphia, on December 18, 1952	12-24-52	B. Paine L. Sutro	U
1775	Flight Test Schedule for the Month of January, 1953	12-29-52	A. Hill	C
1776	Laboratory Personnel	1-15-53		U
1777	Defective Tee Connectors	12-29-52	E. B. Paine	U
1778	December 1952 Storage and Re- search Tube Summary	1-7-53	D. M. Fisher	U
1779	Bi-Weekly Report, January 2, 1953	1-2-53		U
1780	Summary of IBM-MIT Collaboration, December 31, 1952	2-1-53	A. Kroemer	C
1781	Proposed Print-Out Via Buffer Drum	1-5-53	E. Farnsworth	U

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1782	Proposed Read-In Via Buffer Drum	1-5-53	E. Farnsworth	U
1783	Incoming Inspection of Crystal Diodes	1-6-53	B. Paine	U
1784	Meeting Held January 5, 1953 to Discuss Additional Work to be Done on Auxiliary Drum	1-7-53	F. Sandy	U
1785	Testing of Metallic Cores	1-7-53	A. D. Hughes	U
1786	Vacuum Tube Failures During the Month of October 1952	(Revised) 3-25-53	H. Frost A. Parisi	U
1787	Test Equipment Committee Mee- ting of December 31, 1952	1-8-53	L. Sutro	U
1788	Group 63 Seminar on Magnetism, XXII	1-8-53	N. Menyuk A. Loeb	U
1789	Breadboards and Experimental Work	1-9-53	Production Control	U
1790	Flight Test Activity Report for December, 1952	1-9-53	A. Hill F. Heart	C
1791	Group 61 Bi-Weekly Report December 26, 1952	1-2-53		C
1792	Modifications in Test Control	1-14-53	J. H. Hughes	U
1793	Proposed New Order, ab, and Modification of da	1-15-53	J. H. Hughes	U
1794	Designation of Magnetic Tape Units	1-12-53	E. Farnsworth	U
1795	Group 63 Seminar on Magnetism, XXIII	1-16-53	N. Menyuk A. Loeb	U
1796	Test Equipment Meeting of January 12, 1953	1-16-53	L. Sutro	U
1797	Proposed Revision of Whirlwind Power Supply Control to Provide Power Failure Protection	1-19-53	G. F. Sandy	U
1798	Group 63 Seminar on Magnetism, XXIV	1-19-53	N. Menyuk A. Loeb	U

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1799	Bi-Weekly Report, January 16, 1953	1-16-53		U
1800	Tentative Transistor Specifications	1-20-53	N. T. Jones	U
1801	Group 63 Seminar on Magnetism, Appendix IV, A Theory of Contact Potential Measurements	1-14-53	N. Menyuk A. Loeb	U
1802	Group 63 Seminar on Magnetism, Appendix V, Analogy between a Set of Eigenfunctions and Co-ordinate Systems	1-21-53	N. Menyuk A. Loeb	U
1803	Visit to RCA Victor Ferrite, XF-96 ^{in Camden} Jan 14	1-22-53	B. Smulowicz ^{F. E. Vinal}	U
1804	Results of Anti-Aircraft Guidance Performance WWI	1-22-53	M. A. Geraghty J. J. Cahill	C
1805	Group 61 Air Defense Bi-Weekly Report, January 16, 1953	1-16-53		C
1806	Pulse Test of the RCA Victor Ferrite, XF-96	1-22-53	B. Smulowicz	U
1807	Conference on Standards at Armed Services Electro Standards Agency	1-23-53	H. W. Hodgdon	U
1808	Limiting Use of Non-Standard Components	1-23-53	H. W. Hodgdon	U
1809	Group 63 Seminar on Magnetism, XXV	1-26-53	N. Menyuk A. Loeb	U
1810	Minutes of Joint MIT Conference held at Hartford, Connecticut, January 20, 1953	1-26-53	A. Kroemer	C
1811	Coordinate Conversion with Memory Core Matrix	1-27-53	D. McCann	C
1812	The Philosophy of Statistical Filter Design	1-27-53	W. I. Wells	U
1813	Test Equipment Committee Meeting of January 23, 1953	1-28-53	L. Sutro	U
1814	Laboratory Personnel	2-1-53		U

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1815	Cape Cod System	2-5-53	D. R. Israel	C
1816	Revised Operation with the MPS-4 Nodding Beam Height Finder	2-5-53	J. J. Cahill	C
1817	Summary of IBM-MIT Collaboartion, January, 1953	2-3-53	A. Kroemer	C
1818	Bi-Weekly Report, January 30, 1953	1-30-53		U
1819	Revised Control System for Transistor Accumulator	2-3-53	D. J. Eckl	U
1820	January 1953 Storage and Re- search Tube Summary	2-4-53	D. M. Fisher	U
1821	Group 63 Seminar on Magnetism, XXVI	2-4-53	N. Menyuk A. Loeb	U
1822	Group 63 Seminar on Magnetism, XXVII	2-4-53	N. Menyuk A. Loeb	U
1823	Assignment and Utilization of Group 61 Computer Time	2-5-53	M. I. Brand	U
1824	Group 63 Seminar on Magnetism, XXVIII	2-5-53	N. Menyuk A. Loeb	U
1825	Division 6 Group Organization List	2-4-53	J. Proctor H. Fahnestock	C
1826	Air Defense Bi-Weekly Report	1-30-53		C
1827	Magnet Wire Tests	2-5-53	B. Paine	U
1828	Design and Tests of Electronic Circuits for Operating Safety Margins	1-27-53	J. W. Forrester	U
1829	Phenolic Dielectric Breakdown in WWI	2-6-53	B. B. Paine	U
1830	MF-1326, F-291, Life Test No.1-- Initial Test	2-6-53	J. R. Freeman	U
1831	Group 63 Seminar on Magnetism, XXIX	2-6-53	N. Menyuk A. Loeb	U
1832	Flight Test Schedule, February, 1953	2-5-53	D. Israel	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
1833	Vacuum Tube Failures During the Month of November 1952	3-25-53	H. Frost A. Parisi	U
1834	Vacuum Tube Failures During the Month of December 1952	3-25-53	H. Frost A. Parisi	U
1835	Flight Test Procedures	2-10-53	D. Israel	C
1836	Group 63 Seminar on Magnetism, XXX	2-10-53	N. Menyuk A. Loeb	U
1837	Test Checking of a Magnetic Drum Buffer Storage System, October 24, 1952 to January 30, 1953, PR No. 2	10-24-52 to 1-30-53	C. Zraket	U
1838	Specifications for the M-1734 Transistor	2-11-53	D. Eckl B. Farley	U
1839	Overall Organization of the Cape Cod Information and Direction Center	2-11-53	D. Israel	C
1840	Preliminary Description of Duties and Equipment Information and Direction Center Personnel	2-12-53	D. Israel	C
1841	Group 63 Seminar on Magnetism, XXXI	2-11-53	N. Menyuk A. Loeb	U
1842	Flight Test Activity Report for January, 1953		F. Heart A. Hill	C
1843	Use of the Auxiliary Drum	2-11-53	R. L. Walquist	U
1844	Test Equipment Committee Meeting of February 5, 1953	2-13-53	L. Sutro	U
1845	Plug-In Units as Replacements for Burroughs Units	2-13-53	J. D. Childress	U
1846	Visit to Naval Material Laboratories, Brooklyn, New York	2-16-53	C. W. Watt B. B. Paine H. Hodgdon	U
1847	Stannic Oxide Spray Procedure for Producing a Conductive Coating on Glass	2-16-53	R. A. Maglio	U
1848	CANCELLED			

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1849	Proposal for Mechanical Marginal Checking	2-16-53	D. J. McCann	U
1850	Group 63 Seminar on Magnetism, XXXII	2-16-53	N. Menyuk A. Loeb	U
1851	Test Equipment Committee Meeting of February 2, 1953	2-17-53	I. Sutro	U
1852	Bi-Weekly Report, February 13, 1953	2-13-53		U
1853	Group 63 Seminar on Magnetism, XXXIII	2-17-53	N. Menyuk A. Loeb	U
1854	Group 63 Seminar on Magnetism, XXXIV	2-19-53	N. Menyuk A. Loeb	U
1855	Streamlining Print Distribution with the aid of a Shop Office Print File	2-17-53	F. Manning	U
1856	Basic Circuits: Level Amplifier	2-18-53	C. A. Laspina	U
1857	Tentative Floor Plan for Operation Rooms	2-17-53	D. Israel	C
1858	Pulse Standardizer	2-18-53	H. Zieman	U
1859	Air Defense Bi-Weekly Report	2-13-53		C
1860	Analysis of Flip-Flop Circuits Using Point-Contact Transistors (M. S. Thesis Proposal)	2-20-53	D. A. Esakov	U
1861	Visit to General Electric, Schenectady, February 20, 1953	2-24-53	R. Pacl	U
1862	High-Speed Flip-Flop Cathode Followers	2-24-53	H. Boyd	U
1863	Scope Deflection Amplifier	2-24-53	H. E. Zieman	U
1864	Streamlining Materials Control Procedures	2-25-53	C. W. Watt H. B. Morley	U
1865	Pulse Delays	2-26-53	J. Wolf	C
1866	Diode-Driving Cathode Followers	2-25-53	B. R. Remis	U

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1867	WWI Order Changes, February 26, 1953	2-26-53	J. H. Hughes	U
1868	New Check Register Check System, WWI	2-27-53	J. H. Hughes	U
1869	X and Y Plane Drivers for WWII Memory	2-26-53	D. Shansky	U
1870	March Flight Test Schedule	2-26-53	A. Hill	C
1871	Auxiliary Drum Testing Summary #1	2-9-53	E. S. Rich K. McVicar	U
1872	Laboratory Personnel	3-1-53		U
1873	Project Lincoln - March 15, 1953 QPR	2-27-53	J. Ulman	U
1874	Basic Circuits-- Buffer Amplifier	2-27-53	S. Brodskies	U
1875	Reliable Components Meeting #1-- International Resistance Company	2-27-53	B. Paine	U
1876	Test Equipment Meeting of February 19, 1953	3-2-53	L. Sutro	U
1877	Basic Circuits--Single Pulse Synchronizer	3-2-53	C. Laspina	U
1878	Bi-Weekly Report, February 27, 1953	2-27-53		U
1879	February 1953 Storage and Research Tube Summary	3-3-53	D. M. Fisher	U
1880	An Output System for MIT Electrostatic Storage Tubes -- P.R. #1	2-9-53 to 3-2-53	A. J. Cann	U
1881	Memory Test Computer: Guide to Coding and MTC Operation Code	3-4-53	P. Bagley	U
1882	Flight Test Activity Report for February, 1953	3-4-53	F. Heart	U
1883	Magnetic Core Matrix Switch Adder	3-9-53	C. Schultz	U

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1884	Modification to Specifications for Ferrite Pulse Transformers	3-6-53	B. B. Paine	U
1885	Reliable Components Meeting #2-Sprague Electric Company	3-6-53	C. W. Watt B. B. Paine	U
1886	The Specification of an Ideal Detector as a First Step in Filter Design	3-6-53	W. I. Wells	U
1887	MTC Accumulator Test	3-10-53	H. Anderson	U
1888	Preliminary MTC System Test	3-6-53	H. Anderson	U
1889	Proposal for New Order md, Multiply Digits	3-9-53	J. H. Hughes	U
1890	Air Defense Bi-Weekly February 27, 1953	3-6-53		C
1891	Summary of IBM-MIT Collaboration	3-9-53	A. Kroemer	C
1892	Field of Work	3-9-53	A. Kroemer	C
1893	Hysteresis Test Results from Five New Glenco Ferroelectric Materials	3-10-53	C. D. Morrison	U
1894	Internal Publications on Transistors	3-10-53	D. J. Eckl	U
1895	The Effects of Variations in Transistor and Circuit Parameters on a Typical Emitter N-Curve	3-1-53	R. J. Callahan D. Eckl	U
1896	Red Pencil Changes on Construction Prints	3-11-53	F. F. Manning	U
1897	IBM Relations	3-11-53	A. Kroemer	U
1898	The Application of Statistical Filter Design to a Particular Problem	3-12-53	W. Wells	U
1899	Statistical Filter Methods Applied to the Correlation of Radar Data	3-12-53	W. Wells	C
1900	Plans for Procurement of Video Filters	3-6-53	E. Rich	C

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1901	Vacuum Tube Failures During the Month of January, 1953	3-11-53	H. Frost A. Parisi	U
1902	Group 63 Seminar on Magnetism, XXXIV	3-12-53	N. Menyuk A. Loeb	U
1903	Level Inverter	3-12-53	J. Gillette	U
1904	Block Diagrams: Programs for Testing and Trouble Location	3-12-53	R. Mayer	U
1905	Block Diagrams: Control Registers	3-12-53	R. Mayer	C
1906	Block Diagrams: Command Generator	3-12-53	R. Mayer	C
1907	Block Diagrams: Functional Programs	3-12-53	R. Mayer	C
1908	Group 63 Seminar on Magnetism, XXXVI	3-12-53	N. Menyuk A. Loeb	U
1909	WWI Experience with Dust and Blemishes on Magnetic Tape	3-15-53	J. Forgie	U
1910	Group 63 Seminar on Magnetism, XXXVII	3-13-53	N. Menyuk A. Loeb	U
1911	Bi-Weekly Report, March 13, 1953	3-13-53		U
1912	Rectangular Coordinates of Radars in the Cape Cod System	3-12-53	D. Goldenburg	C
1913	Internal Storage and Computing Time Allocation	3-16-53	R. Walquist	C
1914	Group 63 Seminar on Magnetism, XXXVIII	3-16-53	N. Menyuk A. Loeb	U
1915	Test Equipment Committee Meeting of March 9, 1953	3-17-53	L. Sutro	U
1916	Transient Changes in Oxide-Coated Cathodes, Ph. D Thesis Proposal	3-17-53	H. B. Frost	U
1917	Group 63 Seminar on Magnetism, XXXIX	3-17-53	N. Menyuk A. Loeb	U

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1918	Group 63 Seminar on Magnetism, XL	3-18-53	N. Menyuk A. Loeb	U
1919	Summary of Trip to Evans Signal Laboratory	3-19-53	J. McCann H. Zieman J. O'Brien	S
1920	Meetings at Project High on March 3 & 4, 1953	3-18-53	C. Watt	U
1921	Air Defense Bi-Weekly, March 13, 1953	3-23-53		C
1922	Diode Driving Cathode Follower Design	3-20-53	B. R. Remis	U
1923	Laboratory Personnel	4-1-53		U
1924	Radar Jamming Applied to Buffer Drum Considerations	3-24-53	D. McCann	C
1925	Preliminary Specifications on the Low Input Impedance Diode- Driving Flip-Flop	3-11-53	H. Boyd	U
1926	Group 63 Seminar in Magnetism, XLII	3-23-53	N. Menyuk A. Loeb P. Baltzer J. Goodenough	U
1927	Flight Test Schedule for April, 1953	3-24-53	P. Dolan	C
1928	Preliminary Specifications of High-Speed Flip-Flop Cathode- Followers	3-23-53	H. Boyd	U
1929	Ad Hoc Conference on Fe Ni ₃	3-25-53	A. Loeb D. A. Buck J. Goodenough N. Menyuk	U
1930	S & EC Performance Request	3-24-53	M. Demurjian	U
1931	Group 63 Seminar on Magnetism, XLI	3-24-53	N. Menyuk A. Loeb	U
1932	Proposed Arithmetic Element for WWII	3-25-53	S. Thompson	C
1933	Group 63 Seminar on Magnetism, XLIII	3-25-53	J. Goodenough A. Loeb N. Menyuk	U

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1934	Group 63 Seminar on Magnetism, XLIV	3-26-53	D. Buck A. Loeb N. Menyuk	U
1935	Modifications to Room 222, Barta	3-3-53	F. Heart	C
1936	Z-Plane Driver (WWII Memory Digit Plane)	3-27-53	D. Shansky	U
1937	Bi-Weekly Report, March 27, 1953	3-27-53		U
1938	CANCELLED			
1939	Reliable Components Meeting No.4- Erie Resistor Corporation	3-30-53	B. Paine	U
1940	Reliable Components Meeting No.5- Bell Telephone Laboratories	3-30-53	C. W. Watt B. Paine	U
1941	High Input Impedance Diode- Driving Flip-Flop	3-26-53	B. R. Remis	U
1942	Gate Tube Circuits in WWII	3-27-53	H. J. Platt	U
1943	Testing Cores for WWII	3-30-53	J. McCusker	C
1944	Air Defense Bi-Weekly Report	3-27-53		C
1945	General Description of Decoder Output Amplifier	3-27-53	H. Zieman	U
1946	Test Equipment Committee Mee- ting March 20, 1953	3-30-53	L. Sutro	U
1947	CANCELLED			
1948	Reliable Components Meeting #3- Aerovox Corporation	4-1-53	b. Paine N. Hodgdon	U
1949	Auxiliary Drum Testing-- Summary #2	4-1-53	K. E. McVicar	U
1950	Group 63 Seminar on Magnetism, XLV	3-31-53	N. Menyuk A. Loeb	U
1951	Group 63 Seminar on Magnetism, XLVI	4-2-53	J. Goodenough A. Loeb	U

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1952	Minutes of the MIT-IBM Components Subcommittee Meeting, March 30 & 31, 1953	4-2-53	C. Watt	U
1953	Bi-Weekly Report, April 10, 1953	4-10-53		U
1954	March 1953 Storage and Research Tube Summary	4-3-53	D. Fisher	U
1955	Summary of IBM-MIT Collaboration March, 1953 to March 31, 1953	4-3-53	A. Kroemer	C
1956	Flight Test Activity Report for March, 1953	4-6-53	P. Nolan A. Hill	C
1957	Procedure for Preparing and Stripping Wires for MTC Memory Planes	4-6-53	E. A. Guditz	U
1958	Meeting on March 31, 1953 to Discuss Proposed New Orders for WWI	4-6-53	J. H. Hughes	U
1959	Group 63 Seminar on Magnetism, XLVIII	4-7-53	A. Loeb N. Menyuk	U
1960	Group 63 Seminar on Magnetism, XLVII	4-7-53	N. Menyuk A. Loeb	U
1961	Test Equipment Committee Meeting of April 2, 1953	4-10-53	L. Sutro	U
1962	Standard Designations for Cape Cod Equipment Operating Personnel	4-17-53	O. Conant	C
1963	The Introduction of Data for the North Truro CPS-6B and Small Gap Filler Radar Directly into the Computer	4-8-53	G. Young B. Morriss	C
1964	WWII Memory Address Selection System, PB No.61	4-8-53	W. Papian N. Edwards	U
1965	Memory Digits and Read-Write System, PB No.62	4-8-53	N. Edwards W. Papian	U
1966	Floor Plan for Cape Cod Operating Room	4-9-53	D. Israel	C

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1967	Group 61 Comments on Control (Assignments 50 and 51)	4-6-53	S. Thompson	U
1968	CANCELLED			
1969	Basic Circuits-Sensing Amplifier	4-10-53	C. Laspina	U
1970	Notes on Film Sequencing Depicting "Program Preparation"	4-9-53	D. Israel R. Rathbone	U
1971	Group 63 Seminar on Magnetism, Appendix VI	4-9-53	N. Menyuk A. Loeb	U
1972	WWII Basic Circuits. D. C. Level Inverter	4-9-53	J. S. Gillette	U
1973	Reliable Components Meeting #6 Sperry Gyroscope Company	4-8-53	C. Watt H. Hodgdon	U
1974	General Description of Oscilloscope Intensification Amplifier	4-10-53	H. Zieman	U
1975	Reliable Components Meeting #7 - Chase Resistor Company	4-13-53	B. Paine	U
1976	Air Defense Bi-Weekly Report	4-10-53		C
1977	Basic Circuits: Buffer Amplifier	4-13-53	S. Bradspies	U
1978	UHF Automatic Ground-to-Air Data Link	5-8-53	C. Zraket	C
1979	Frame and Panel Layouts	4-27-53	M. Geraghty	C
1980	Group 63 Seminar on Magnetism, XLIX	4-13-53	N. Menyuk A. Loeb	U
1981	Block Diagrams Input & Output Interlocks	4-10-53	R. Mayer	C
1982	Proposal for 10" Magnetically Deflected Display Scopes	4-15-53	R. Gould J. O'Brien	U
1983	Basic Circuits No. S 2&10: Final Specification on High-Speed Flip-Flop and Low Input Impedance Diode-Driving 1 Flip-Flop	4-14-53	H. Boyd	U
1984	Timing Operations in the 1953 GCS	4-14-53	W. Attridge	C

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1985	Operation of Indicator Lights and Intervention Registers (Supplement to 6M-1815)	5-1-53	G. Young B. Morriss	U
1986	"L" Cathodes in Electron Guns	4-21-53	T. S. Greenwood	U
1987	First Note on Pulse Transformers for Memory Drivers	4-16-53	E. Gates F. Dargin	U
1988	Summary of Component Failures, July, 1952 to March, 1953	4-17-53	F. Yates	U
1989	MF-1326B F-291 Life Test #2	4-21-53	J. R. Freeman	U
1990	An Output System for M.I.T. Electrostatic Storage Tubes (PR #2)	3-3-53	A. J. Cann	U
1991	Flight Test Schedule for May, 1953	4-27-53	A. Hill	C
1992	A Delay Line Time Pulse Distributor	4-17-53	S. Thompson	U
1993	Vacuum Tube Failures During the Month of February, 1953	4-22-53	H. Frost	U
1994	Vacuum Tube Failures During the Month of March, 1953	4-16-53	H. Frost	U
1995	Test Equipment Committee Meeting of April 17, 1953	4-28-53	L. Sutro	U
1996	Comments on IBM Military Reference Data Book	4-28-53	L. Sutro	U
1997	Bi-Weekly Report, April 21, 1953	4-22-53		U
1998	Minutes of Joint MIT-IBM Conference Held at Hartford, Connecticut April 21, 1953	4-23-53	A. Kroemer	C
1999	Revised Display Categories and Assigned Scope Displays	4-24-53	H. Bennington	C
2000	Maintaining Private Line Communication - Part I	4-27-49	W. Welchman	U
2001	Modification of the Method of M-2000	5-3-49	W. Welchman	U

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2002	Bi-Weekly Report, May 13, 1949	5-13-49		U
2003	Several Suggested Air Navigation Systems	5-13-49	W. Hildebrand	U
2004	Explanatory Introduction to Other Volumes of Literature Sent to Members of RDB AD HOC Committee on Scientific and Synthetic Analysis	5-24-49	R. Nelson	U
2005	Bi-Weekly Report, May 27, 1949	5-27-49		U
2006	Radio Telemetering Techniques and their Possible Application to the Private Line for Air-Traffic Control	6-13-49	T. Hildebrand	U
2007	Bi-Weekly Report, June 10, 1949	6-10-49		U
2008	Finding Coordinates from Three Distances	6-15-49	P. Franklin	U
2009	Bi-Weekly Report, June 24, 1949			U
2010	Beam Rotating with Variable Speed	7-7-49	P. Franklin	U
2011	Bi-Weekly Report, July 8, 1949	7-8-49		U
2012	Timing for Linear Flight	7-20-49	P. Franklin	U
2013	Bi-Weekly Report, July 22, 1949	7-22-49		U
2014	Bi-Weekly Report, August 19, 1949	8-19-49		U
2015	Bi-Weekly Report, September 2, 1949			U
2016	Bi-Weekly Report, September 16, 1949			U
2017	Visit to Datac Project	9-22-49	C. R. Wieser	C
2018	Concerning E-2000	10-17-49	D. Israel	U
2019	Bi-Weekly Report, September 30, 1949			U
2020	Bi-Weekly Report, October 14, 1949			U

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2021	Bi-Weekly Report, October 29, 1949			U
2022	Bi-Weekly Report, November 11, 1949			U
2023	Bi-Weekly Report, November 25, 1949			U
2024	Douglas Aircraft Data Reduction System	12-13-49	F. Foss	U
2025	Bi-Weekly Report, December 23, 1949			U
2026	Visit to AIL and Sperry	12-13-49	W. G. Welchman	U
2027	Bi-Weekly Report, December 23, 1949			U
2028	Headwind Effect	1-3-50	A. Orden	U
2029	Review of Investigations of Aircraft Guidance	1-10-50	W. Welchman	U
2030	Bi-Weekly Report, January 6, 1950			U
2031	Introduction of Delays by Speed Control	1-12-50	D. Israel	U
2032	Bi-Weekly Report, January 20, 1950			U
2033	Some Simple Paths in R. O. Coordinates	1-26-50	W. Welchman	U
2034	Visit to Sperry Gyroscope	2-2-50	W. Linvill	U
2035	Visit to Federal Telecommunication Laboratories, January 23, 1950	2-2-50	C. R. Weiser	U
2036	Bi-Weekly Report, February 3, 1950			U
2037	Bi-Weekly Report, February 17, 1950			U
2038	Stabilization of Radial Progress Control	2-23-50	A. Orden	U

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2039	Comments on Proposal for Lantrac	2-24-50	W. Welchman	U
2040	Bi-Weekly Report, March 3, 1950			U
2041	Thesis Proposal: The Application of a High-Speed Digital Computer to the Present-Day Air Traffic Control System	2-28-50	D. Israel	U
2042	Data Transmission on Telephone Lines	3-21-50	J. Forrester	U
2043	Bi-Weekly Report, March 17, 1950			U
2044	Bi-Weekly Report, March 31, 1950			U
2045	Bi-Weekly Report, April 14, 1950			U
2046	Bi-Weekly Report, April 28, 1950			U
2047	Proposal for Connecting WWI to a Pulsed Radar	5-9-50	C. R. Wieser	C
2048	Bi-Weekly Report, May 12, 1950			U
2049	Standard Mailing List	5-16-50	J. Forrester	U
2050	Bi-Weekly Report, May 9, 1950			C
2051	Bi-Weekly Report, May 26, 1950			C
2052	Bi-Weekly Report, May 26, 1950			U
2053	Bi-Weekly Report, June 9, 1950			C
2054	Bi-Weekly Report, June 9, 1950			U
2055	FR: The Application of a High-Speed Digital Computer in the Present-Day Air Traffic Control System	6-10-50	D. Israel	U
2056	Bi-Weekly Report, June 23, 1950			C
2057	Bi-Weekly Report, June 23, 1950			U
2058	FR: The Application of a High-Speed Digital Computer to the Present-Day Air Traffic Control System	6-30-50	D. Israel	U

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2059	Bi-Weekly Report, July 7, 1950			U
2060	Bi-Weekly Report, July 7, 1950			C
2061	Notes of Perlis Work on Tracking of Non-Cooperative Aircraft	6-2-50	A. Orden	U
2062	Bi-Weekly Report, June 9, 1950			U
2063	Bi-Weekly Report, Project 6678, July 21, 1950			U
2064	Bi-Weekly Report, Project 6673, July 31, 1950			C
2065	Bi-Weekly Report, Project 6673, August 4, 1950			C
2066	Bi-Weekly Report, Project 6673, August 18, 1950			C
2067	Bi-Weekly Report, Project 6673, September 1, 1950			C
2068	Conversion of Radar Data to WWI Pulses	10-18-50	L. S. Benzky	C
2069	Bi-Weekly Report, Project 6673, September 15, 1950			C
2070	Bi-Weekly Report, Project 6673, September 29, 1950			C
2071	Priorities for Project 6673	10-4-50	W. Welchman	C
2072	PR: The Application of a High-Speed Digital Computer to the Present-Day Air Traffic Control System	10-12-50	D. Israel	U
2073	Bi-Weekly Report, Project 6673, October 13, 1950			C
2074	Bi-Weekly Report, Project 6673, October 27, 1950			C
2075	Bi-Weekly Report, Project 6673, November 10, 1950			C
2076	Use of Test Storage in 6673 Experiments	11-21-50	J. Arnow	U

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2077	Bi-Weekly Report, November 24, 1950			C
2078	Bi-Weekly Report, November 8, 1950-- Project 6673			C
2079	Bi-Weekly Report, December 22, 1950			C
2080	FR #1: A Direct-Coupled Amplifier for Magnetically Deflecting an Oscilloscope Tube	1-1-51	R. Best	U
2081	Bi-Weekly Report, Project 6673, January 5, 1951			C
2082	A Magnetic Drum and Associated Equipment as Auxiliary Storage for Whirlwind	1-10-51	W. Welchman	C
2083	Bi-Weekly Report, Project 6673, January 19, 1951			C
2084	Bi-Weekly Report, Project 6673, February 2, 1951			C
2085	Extrapolation Round a Circle	2-9-50	C. R. Wieser	U
2086	Temporary Allocation of Respon- sibilities in Project 6673	2-15-51	C. Welchman	U
2087	Bi-Weekly Report, Project 6673, February 16, 1951			C
2088	Bi-Weekly Report, Project 6673, March 2, 1951			C
2089	Bi-Weekly Report, Project 6673, March 16, 1951			C
2090	Bi-Weekly Report, Project 6673, March 30, 1951			C
2091	Bi-Weekly Report, Project 6673, April 13, 1951			C
2092	Experimental Interceptions with Bedford New Radar		C. R. Wieser	C
2093	Bi-Weekly Report, Project 6673, April 27, 1951			C

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2094	Bedford Experiments, Bulletin #1, Week of April 2, 1951	5-2-51	C. R. Wieser	C
2095	Bedford Experiments, Bulletin #2, Week of April 9, 1951	5-2-51	C. R. Wieser	C
2096	Bedford Experiments, Bulletin #3, Week of April 16, 1951	5-2-51	C. R. Wieser	C
2097	Programs for Checking Trigonometric and Square-Root Subroutines	5-11-51	B. E. Heart D. A. Kemper	U
2098	Bi-Weekly Report, Project 6673, May 11, 1951			C
2099	Bi-Weekly Report, Project 6673, May 25, 1951	5-25-51		C
2100	Bi-Weekly Report, Project 6673, June 8, 1951	6-8-51		C
2101	6673 Record Handling Procedures	6-27-51	D. Israel	C
2102	Bi-Weekly Report, Project 6673	6-22-51		C
2103	CANCELLED			
2104	CANCELLED			
2105	CANCELLED			
2106	CANCELLED			
2107	CANCELLED			
2108	CANCELLED			
2109	CANCELLED			
2110	A Linear Selection Magnetic Memory using an Anti-Coincident Current Switch	5-8-53	K. Olsen	U
2111	Proposed WWII Indexing System (PB-51)	4-24-53	S. Thompson	U
2112	Laboratory Personnel			U
2113	Air Defense Bi-Weekly Report April 24, 1953	4-24-53		C

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2114	Program Counter and Address Register (PB-51)	4-27-53	S. Thompson	U
2115	Assignment of Intervention Registers and Digits	4-28-53	D. Israel	C
2116	Group 63 Seminar on Magnetism, L	4-28-53	N. Menyuk A. Loeb	U
2117	Track Symbol Displays	4-28-53	D. Israel	C
2118	Test Storage Contents and Automatic Recycling Function in the 1953 CCS	4-27-53	J. Ishihara W. Attridge	C
2119	Auxiliary Drum Testing -- Summary #3	4-28-53	K. McVicar	U
2120	Summary of Magnetic-Core Memory Meeting Held April 24, 1953	4-29-53	W. Papian N. Edwards	U
2121	Block Diagrams: Memory Address Register and Memory Buffer Register	4-27-53	W. Papian R. Mayer	U
2122	Tape Conversion Program T2545M2	4-29-53	W. Lone	U
2123	Iteration Procedures for Simultaneous Equations (Sc.D. Thesis Proposal)	5-12-53	E. Craig	U
2124	DC Flip-Flop Tester, MTC	4-30-53	H. Henegar	U
2125	Summary of IBM-MIT Collaboration April 1, 1953 to April 27, 1953	4-30-53	H. Henegar	C
2126	The Effect on Present Programs of In-Out System	5-15-53	B. Morriss	U
2127	Reliable Components Meeting #9, Electro Motive Manufacturing Company	5-1-53	H. Hodgdon C. Watt	U
2128	Missing Test Equipment	5-4-53	L. Sutro	U
2129	An Evaluation of the WWII Vacuum Tube Situation	4-17-53	R. Fallows	C
2130	Flight Test Activity Report for April 1953	5-4-53	A. Hill	C

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2131	Memory Test Computer Fire Alarm System	5-5-53	R. vonBuelow	U
2132	Test Checking of a Magnetic Drum Buffer Storage System (PR MS Thesis)	5-6-53	C. Zraket	U
2133	MTC Test on Magnetic Memory-- Automatic Memory Display	5-5-53	H. Anderson	U
2134	MTC Test on Magnetic Memory-- Load and Check Program for all Ones and Zeros	5-5-53	R. Pfaff	U
2135	Some Notes on Current Tube Types	5-4-53	H. B. Frost	U
2136	MTC Marginal Checking System	5-8-53	R. vonBuelow	U
2137	April 1953 Storage and Research Tube Summary	5-5-53	D. Fisher	U
2138	Group 63 Seminar on Magnetism, LI	5-6-53	A. Loeb	U
2139	1953 Electronic Components Symposium	5-1-53	C. Watt	U
2140	Non-Linear Recursive Filters (PR Sc.D.)	5-6-53	G. Cooper	U
2141	Change in Operation of Timing Register	5-21-53	B. Morriss	C
2142	Reliable Components Meeting #8, Corning Glass Works	5-7-53	B. Paine	U
2143	Master Control Program Functions	5-7-53	W. Attridge	C
2144	Z Plane Driver	5-7-53	D. Shansky	U
2145	CANCELLED			
2146	Reliable Components Meeting #11, Hughes Aircraft Corporation	5-8-53	C. Watt	U
2147	Temporary Radar Mapping Room	5-8-53	D. Israel	C
2148	MTC Start-Stop Panel	5-11-53	R. vonBuelow	U

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2149	A Survey of Time Pulse Distributors	5-11-53	A. Heineck, et al	U
2150	Air Defense Bi-Weekly Report, May 8, 1953	5-8-53		C
2151	Scheduling of Work for Group 60 Shops	5-11-53	Production Control	U
2152	Test Equipment Committee Meeting of May 1, 1953	5-15-53	L. Sutro	U
2153	Test Equipment Committee Meeting of May 7, 1953	5-15-53	L. Sutro	U
2154	Allocation of Indicator Light Register	5-11-56	R. Walquist	C
2155	Bi-Weekly Report, May 8, 1953	5-8-53		U
2156	WWI Basic Circuits --- Low Speed Level Amplifier (No. 15)	5-11-53	J. Gillette	U
2157	WWII Basic Circuits ---- Low Speed Inverter	5-11-53	J. Gillette	U
2158	Basic Circuits--- Contacts (Single Pulse Synchronizer) PB#34	5-8-53	C. Laspina	U
2159	Calculation of Spontaneous Magnetism in the Region of the Curie Temperature	5-8-53	N. Menyuk A. Loeb	U
2160	Energy Dissipation in the Square Loop Ferromagnetic Materials with Specific Application to Switch Cores	5-12-53	N. Menyuk	U
2161	Specifications on Improved Decoder Output Amplifier	5-8-53	H. Zieman	U
2162	WWII Memory Address Selection Systems P.B. No.62	5-6-53	J. Mitchell	U
2163	Pulse Delay Unit #7	5-8-53	J. Wolf	U
2164	Rectangular Coordinates of Radars in CCS	5-13-53	D. Goldenburg	C
2165	Camera-Scope Calibration	5-11-53	W. Clark	U

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2166	Transistor Magnetic Core Drivers (MS Thesis Proposal)	5-18-53	S. Oken	U
2167	First-Order Cancellation Residue in Rectangular Memory Arrays	5-15-53	D. Brown	U
2168	CANCELLED			
2169	Equipment Changes in the Cape Cod Control Center	5-15-53	A. Dodd	U
2170	A Proposed Readout Scheme	5-18-53	S. Fine	U
2171	Proposal for Design of Plug-in Units	5-15-53	A. Kroemer	U
2172	Minutes of the MIT-IBM Compo- nents Subcommittee, May 11, 12, 1953	5-18-53	C. Watt	U
2173	Test Equipment Committee Meeting of May 19, 1953	5-22-53	L. Sutro	U
2174	A "Drum Demand" Sampling System for Storing Radar Returns Occur- ring at Random upon the Input Drum	5-19-53	G. Briggs	C
2175	Smoothing and Predicting Func- tion in 1953 Cape Cod System	5-25-53	W. Attridge	C
2176	Proposal for Expediting Pro- urement and Construction of Prototype Models -- Transi- tion System	5-19-53	A. Kroemer	U
2177	Preparation of Technical Infor- mation for Lincoln Transition System	5-19-53	A. Kroemer	U
2178	Reorganization of S&EC Group Bi-Weekly Report	5-20-53	J. Porter	U
2179	An Investigation of Coordinate Conversion in a Multiplexed System	5-21-53	J. Dintenfass	U
2180	Light Gun Connections to In-Out Register	5-21-53	D. Israel	C
2181	Model Shop Facilities	5-20-53	H. Wainwright	U

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2182	Track-While-Scan Subprograms	5-21-53	R. Walquist	C
2183	Bi-Weekly May 22, 1953			C
2184	Marginal Checking System Mod II, WWI	7-20-53	J. Hughes	U
2185	Wiring of Push Button Panels to Data Insertion Registers	5-25-53	M. Geraghty D. Israel	S
2186	Two Methods of Reducing Delta Noise as Tried on MT Test Setups I and II	5-22-53	S. Fine	U
2187	CANCELLED			
2188	Programming for and Operation of Oscilloscope and Camera	6-4-53	E. Kopley	U
2189	Vacuum Tube Failures for the Month of April, 1953	5-6-53	H. Frost	U
2190	Character Generator #30	5-25-53	J. Woolf	U
2191	Meeting on Packaging of WWII, Hartford, Conn., May 21, 1953	5-27-53	W. Ayer	U
2192	Laboratory Personnel June 1, 1953	6-1-53		U
2193	Proposed WWII Interlocks P.B. Nos. 52 & 53	5-26-53	M. Epstein	C
2194	Pulse Standardizer #6	5-26-53	J. Woolf	U
2195	Further Work on Nondestructive Read System	5-27-53	W. Frank	U
2196	General Description of Decoder, PB #28	5-27-53	R. Best	U
2197	Readout and Dittit-Plane Driving System PB #62	5-28-53	S. Fine W. Cauty	U
2198	WWI Service File	5-28-53	D. Morrison	U
2199	Test Equipment Committee Meeting of May 26, 1953	5-28-53	L. Sutro	U
2200	Flexowriter Equipment Reallo- cation	5-27-53	M. Demurjian D. Israel K. Olsen	U

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2201	Meeting on WWII Tubes, May 22, 1953	5-28-53	L. Sutro	U
2202	Marginal Checking and Trouble Location	5-29-53	R. Fallows	U
2203	S&EC Operator's Check List	5-27-53	K. Campbell	U
2204	MTC Toggle-Switch Storage and Toggle-Switch Storage Switch	5-29-53	J. Crane	U
2205	Some Properties of Cathode Interface Impedance	5-29-53	H. Frost	U
2206	WWII Basic Circuits Low Speed Level Inverter (16)	6-1-53	J. Gillette	U
2207	Group 63 Seminar on Magnetism, LII	5-29-53	N. Menyuk A. Loeb	U
2208	Flight Test Activity Report for May, 1953	6-3-53	F. Heart	C
2209	S&EC Bi-Weekly, June 1, 1953	6-1-53		U
2210	May 1953 Storage and Research Tube Summary	6-1-53	D. Fisher	U
2211	Meeting on the G. E. USAF Data Link	6-4-53	R. Hopkins	C
2212	Division 6 Group Organization List	6-4-53	J. Proctor	U
2213	MIT-IBM Standards Committees	6-5-53	C. Watt	U
2214	Estimated Parts List for Scope Deflection Amplifier	6-5-53	H. Zieman	U
2215	Magnetic-Core Matrix Switch Driver (X and Y Plate Driver) PB #18	6-5-53	D. Shansky	U
2216	Names and Radio Call Signs	6-8-53	D. Israel	C
2217	Proposal: Wiring and Construction Practice Specifications for Joint MIT-IBM use	6-5-53	C. Watt	U
2218	Specifications on Improved Intensification Amplifier	6-5-53	H. Zieman	U

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2219	Testing of Individual Cores in MTC Memory Planes	6-16-53	A. Hughes	U
2220	Bi-Weekly Report, June 5, 1953			C
2221	Summary of MIT-IBM Collaboration April 28 to May 30, 1953	6-8-53	A. Kroemer	C
2222	Trips to Electronic Component Manufacturers	7-28-53	C. Watt	U
2223	Visit to IBM to Observe Work on Magnetic Drums April 16 and 17, 1953	6-8-53	K. McVicar J. O'Brien	C
2224	The Reduction of Inherited Errors in the Runge-Kutta Solution of Differential Equations	6-3-53	D. Wong	U
2225	The Construction of Memory Planes for the MTC Memory	6-10-53	E. Guditz	U
2226	Barta Building Personnel Estimate for 1953	6-11-53	H. Farnestock	U
2227	Summer Session System I	6-9-53	M. Rotenburg D. Finkelstein	U
2228	File of 1815 Memos in Room 224 (Supplement to M-1815)	6-9-53	D. Israel	C
2229	N-Step Procedures for Simultaneous Linear Equations	6-11-53	E. Craig	U
2230	Test Equipment Committee Meeting of June 9, 1953	6-10-53	L. Sutro	U
2231	Track Sorting and Related Programs of Track-While-Scan for 1953 CCS	6-10-53	H. Seward J. Ishihara	C
2232	Procedure for Using Group 61 Equipment for Introducing Data into WWI	6-23-53	B. Morriss G. Young	U
2233	Track Trouble Detection, Interpretation and Monitor Display Generation	6-11-53	J. Levenson	C
2234	Group 63 Seminar on Magnetism, LIV	6-11-53	A. Leeb et al	U

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2235	Summer Session System II--Proposed Conversion Program and Tape Preparation Procedure	6-11-53	M. Rotenberg D. Finkelstein	U
2236	Operation of WWI by Group 63	6-12-53	S. Dodd C. Wieser	U
2237	Transmittal of Publications to IBM	6-8-53	A. Kroemer	U
2238	Input Switches Interpretation for Track-While-Scan (TWS) (Supplement to M-1815: 1953 Cape Cod System)	6-12-53	J. Levenson	C
2239	Proposal for Documentation of Notes Regarding Equipment Construction	6-12-53	J. Newitt	U
2240	A Magnetic Core Test Storage	6-15-53	K. Olsen	U
2241	MIT-IBM Project High Central Standards Committee Activities and Meeting Schedule	6-15-53	C. Watt	U
2242	S Bendix Red Bank Division Tube Plant	6-15-53	R. Fallows	U
2243	Mechanical Engineering Services	6-16-53	H. Wainwright	U
2244	SEEC Bi-Weekly Report, June 15, 1953	6-15-53		U
2245	Group 63 Seminar on Magnetism, LIII	6-2-53	N. Menyuk A. Loeb	U
2246	Joint Meeting on Packaging of WWI	6-17-53	W. Ayer	U
2247	Project Lincoln Quarterly Progress Report	6-16-53	J. Bennett	C
2248	Test of some Magnetic-Matrix Switch Operating Modes	6-17-53	R. Dinolfo J. Mitchell	U
2249	Salvaged Components	6-17-53	B. Paine	U
2250	Visitors to Group 63	6-16-53	N. Taylor	U
2251	Digital Interactive Display	7-13-53	H. Bennington	C

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2252	WWII Basic Circuits-High Speed Gate Tube Circuit (PB #4)	6-18-53	H. Platt	U
2253	Test Equipment Committee Meeting of June 18, 1953	6-26-53	L. Sutro	U
2254	Sensing the Slope of Magnetic Memory Output	6-19-53	K. Olsen	U
2255	Intercept Director, Track Number, and Pair Assignments (Supplement to M-1815: Cape Code System)	6-22-53	D. Israel	C
2256	Minutes or Notes of Discussions between MIT and IBM Personnel	7-21-53	A. Kroemer	U
2257	Division 6 Bi Weekly Report, January 19, 1953	6-22-53		C
2258	First Meeting of MIT-IBM Central Standards Committee	6-22-53	C. Watt	U
2259	Vacuum Tube Failures During the Month of May, 1953	6-18-53	H. Frost	U
2260	Group 63 Seminar on Magnetism, Introduction	6-23-53	A. Loeb	U
2261	Group 63 Seminar on Magnetism, LV	6-24-53	N. Menyuk A. Loeb	U
2262	Proposal for Category Selection in Display Systems of WWII	6-24-53	R. vonBuelow	C
2263	MTC Parity Checking System	6-25-53	P. Bagley	U
2264	Testing of Buffer Drum System, PR #1	6-25-53	K. McVicar	U
2265	Group 11 Magnetic Drum Automatic Scope Post Mortem	6-26-53	E. Kopley	U
2266	Project Grind Meeting of June 24, 1953	6-29-53	R. Mayer	C
2267	Project Grind Meeting of June 25, 1953	6-29-53	R. Mayer A. Kroemer	U
2268	Project Grind Meeting of June 26, 1953	6-29-53	R. Mayer	C

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2269	Use of the Magnetic Tape and Delayed Output Equipment	7-3-53	H. Deman	U
2270	S&EC Bi-Weekly Report, June 29, 1953	6-29-53		U
2271	Division 6 Accounting Procedures	7-1-53	H. Fahnestock	U
2272	Summary of MIT-IBM Collaboration, June 1 through June 30, 1953	7-3-53	A. Kroemer	C
2273	Operation of the Ground-to-Air Link Data Output Coder	7-3-53	G. Young	C
2274	Basic Circuits - Sensing Amplifier, Preliminary Specifications P.B. #20	7-3-53	C. Laspina	U
2275	Equation of Motion for a Cylindrical 180 Domain Watt	7-30-53	P. Baltzer	U
2276	Test Equipment Meeting of July 3, 1953	7-6-53	L. Sutro	U
2277	S&EC Group Computer Forms	6-30-53	K. Campbell	U
2278	Trip to Surprenant Manufacturing Company and Gavitt Manufacturing Company	6-29-53	J. Bassett	U
2279	June 1953 Storage and Research Tube Summary	7-1-53	D. Fisher	U
2280	Division 6 Bi-Weekly Report, July 3, 1953	7-3-53		C
2281	Two Dimensional Collision Course Intercept Equations (Supplement to M-1815)	7-6-53	F. Cioffi	C
2282	MTC Bootstrap Type Programs	7-6-53	H. Anderson	U
2283	Project Grind Meeting of June 20, 1953 -- Fourth Day	7-6-53	A. Kroemer	C
2284	Project Grind Meeting of July 1, 1953	7-7-53	R. Mayer	C
2285	Project Grind Meeting of July 2, 1953	7-8-53	R. Mayer	U

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2286	Three Dimensional Collision-Course Intercept Equations	7-7-53	P. Cioffi	C
2287	The Demodulator-Filter Switch Panel	7-7-53	R. Paddock	U
2288	Scheduling and Preparation of Flight Test for Cape Cod	7-7-53	J. Arnow	C
2289	Pulse Delay Repeater P.B.#7	7-8-53	J. Woolf	U
2290	Laboratory Personnel, July 1, 1953	7-1-53		U
2291	Proposal for Reducing the Number of Tubes Used in Driving a Magnetic-Matrix Switch	7-9-53	J. Raffel	U
2292	Flight Test Activity Report for June, 1953	7-9-53	P. Dolan	C
2293	Report of First Basic Materials Conference, New York City, June 16 - 18, 1953	7-9-53	J. Bassett	U
2294	CANCELLED			
2295	CANCELLED			
2296	Weapons Output Proposal for Transition System	7-14-53	R. Hopkins	C
2297	Component Application Memos for WWII	7-16-53		U
2298	Missing Commercial Test Equipment	8-12-53	L. Sutro	U
2299	Reorganization of the Standards Committee	7-15-53	H. Hodgdon H. Wainwright	U
2300	Planning Scheduling and Administering the AN/FSQ-7 Program (with Broad Principles of MIT-IBM Relationships and Some Detail on Division 6 Procedures)	7-15-53	J. Forrester	C
2301	PSA AN/FSQ: Scheduling Office	7-15-53	J. Forrester	U
2302	PSA AN/FSQ: Approval of Schedule Changes	7-15-53	J. Forrester	U

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2303	PSA-AN/FSQ: Progress Reports to the Scheduling Office	7-15-53	J. Forrester	U
2304	PSA-AN/FSQ: Transfer of Responsibility from MIT to IBM	7-15-53	J. Forrester	U
2305	PSA-AN/FSQ: Approval of Basic Circuits for AN/FSQ	7-15-53	J. Forrester	U
2306	PSA-AN/FSQ: Approval of Block Outlines and Block Schematics for AN/FSQ	7-15-53	J. Forrester	U
2307	PSA-AN/FSQ: MIT-IBM Communication	7-15-53	J. Forrester	U
2308	S&EC Bi-Weekly Report, July 13, 1953	7-13-53		U
2309	Reliable Components Meeting #21, Radio Materials Corporation	7-17-53	H. Platt	U
2310	MTC Power Supply Control-Operating Instruction	7-17-53	R. Hopkins	U
2311	Division 6 Bi-Weekly Report, July 17, 1953	7-17-53		C
2312	Test Equipment Committee Meeting of July 20, 1953	7-21-53	I. Sutro	U
2313	Tape Preparation	7-28-53	M. Mackey	U
2314	Readout Noise Reduction in a Magnetic Core Memory	7-23-53	S. Fine	U
2315	Meeting on Preparation of Material for Colorado Springs - 17 August Meeting	7-17-53	R. Nelson	C
2316	Proposed Sense Winding for a 4h x 6h Memory Plane	7-23-53	W. Canty	U
2317	New Headings for all Reports	7-23-53	R. Rathbone	U
2318	Reliable Components Meeting #19, Cinch Manufacturing Corporation, Chicago, Illinois	7-23-53	C. Watt	U
2319	Procedure for Handling Cores During Testing Program	7-23-53	J. Schallerer	U

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2320	Division 6 Accessions List			C
2321	S&EC Bi-Weekly Report, July 27, 1953	7-27-53		U
2322	Bi-Weekly Progress Report for AN/PSQ-7 (XD-1)	7-24-53	P. Gray A. Kroemer	C
2323	Status of Video-Mapper Development at High Street Plant	7-23-53	J. Bassett	C
2324	Termination of E-Series Reports	7-28-53	R. Rathbone	U
2325	Results of Transistor Life Tests, June 1952 to April 1953	7-28-53	D. Eckl	U
2326	Reliable Components Meeting #18, The Gudeman Company	7-29-53	B. Paine	U
2327	Meeting with G.F. Data Link Representatives	7-13-53	R. Hopkins	C
2328	Vacuum Tube Failures During the Month of June 1953	7-28-53	H. Frost	U
2329	Scheduled Standards Subcommittee Meetings for the Week of August 10, 1953	7-30-53	C. Watt	U
2330	Reliable Components Meeting #17, National Research Council, Ottawa, Ontario	7-30-53	C. Watt B. Paine	U
2331	Minutes of First Meeting of Lincoln Laboratories Standards Committee, July 23, 1953	7-31-53	C. Watt	U
2332	West Coast Trip--July 1953	7-31-53	D. Buck	U
2333	Flight Test Activity Report for July, 1953	7-13-53	P. Dolan	C
2334	List of Circuit or Circuit Components under Design	8-3-53	A. Heineck	U
2335	Activities of the Basic Circuit Sub-Committee	8-3-53	A. Heineck	U
2336	Division 6 Bi-Weekly Report July 31, 1953	8-3-53		C
2337	Circuit Application Manual	8-3-53	A. Heineck	U

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2338	CANCELLED			
2339	Reliable Components Meeting #20, John E. Fast Company	8-5-53	B. Paine	U
2340	Laboratory Personnel	8-3-53		U
2341	July Storage and Research Tube Summary	8-3-53	D. Fisher	U
2342	Tube Application Memos for AN/FSQ-7 Equipment	8-4-53		U
2343	Statistical Analysis of the Slowed Down Video System	8-4-53	W. Wells	C
2344	Schedule for Group 61 Equip- ment Operation	8-6-53	B. Morriss	C
2345	IBM Publications	8-6-53	A. Kroemer	U
2346	Minutes on Second Meeting of Lincoln Laboratories Standards Committee, August 7, 1953	8-10-53	C. Watt	U
2347	IBM Project High Engineering Organization	8-10-53	A. Kroemer	U
2348	Switch-Core Design and Power Loss	8-7-53	J. Raffel	U
2349	Duration and Resistance of Shorts in the Tube Types 6145 and 5965	8-14-53	S. Twicken	U
2350	Components for XD-1	8-11-53	C. Watt	U
2351	Sensing Winding Geometry	8-6-53	J. Raffel	U
2352	Agenda for Central Standards Committee Meeting August 14, 1953 at IBM	8-11-53		U
2353	Standard on Grounding Practices to be Used in all XD-1 Con- struction	8-11-53	C. Watt	U
2354	Test Equipment Committee Meeting of August 7, 1953	8-12-53	L. Sutro	U
2355	Your Memo H9 on Frame Wiring Dated July 23, 1953	8-11-53	C. Watt	U

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2356	S&EC Bi-Weekly Report, August 10, 1953	8-10-53		U
2357	An Approach to the Writing of Tube Specifications	8-12-53	R. Fallows	U
2358	Visit to Wright Air Development Center on Lincoln Tube Development Problem	8-17-53	R. Fallows	U
2359	Project Grind Meeting of July 15, 1953	8-13-53	A. Kroemer	C
2360	Bi-Weekly Progress Report for AN/FSQ-7 (XD-1) Display	8-17-53	R. vonBuelow	C
2361	Four Alternative Proposals for Accomodating the 64x64 Memory in MTC	8-14-53	W. Hosier	U
2362	Division 6 Bi-Weekly Report, August 14, 1953	8-14-53	W. Hosier	C
2363	Minutes of MIT-IBM Central Standards Committee, August 14, 1953	8-19-53	C. Watt	U
2364	Track Information Stored on Drums for XD-1 Display	8-17-53	R. vonBuelow	C
2365	A Proposal Display System Involving an Interleave on the Drum	8-19-53	R. Gerhardt	C
2366	August 13 Meeting of the MIT-IBM Subcommittee on Tube Standards	8-19-53	R. Fallows	U
2367	Minutes of Joint MIT-IBM Materials and Processes Subcommittee Meeting of August 11, 1953	8-19-53	J. Bassett	U
2368	Plug-in Manual	8-7-53	D. Haigh	U
2369	Lincoln Quarterly Progress Report	8-21-53	J. Bennett	U
2370	Transient Changes in Oxide Cathodes (PR #1 to ScD Thesis)	8-27-53	H. Frost	U

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2371	Visit to AA Project at IBM	8-24-53	C. Watt	U
2372	Training and Operating Responsibilities	8-25-53	D. Israel	C
2373	Bi-Weekly Progress Report for AN/FSQ-7 (XD-1)	8-21-53	P. Gray	C
2374	Summary of MIT-IBM Collaboration July 1 to July 31, 1953	8-26-53	A. Kroemer	C
2375	Summary of Conference at ADC August 17 to August 21, 1953	8-26-53	A. Kroemer	C
2376	Minutes of Meeting on Charactron Evaluation Program	8-26-53	R. vonBuelow	U
2377	Transient Changes in Oxide Cathodes (PR #2 ScD Thesis Proposal)	8-27-53	B. Frost	U
2378	Protective Finishes for Aluminum	8-27-53	H. Hodgden	U
2379	Division 6 Bi-Weekly Report, August 28, 1953	8-28-53		C
2380	Report on Dual Head Checks	8-28-53	K. McVicar	U
2381	Statistical Filtering by Inverse Probability (ScD Thesis Proposal)	8-24-53	W. Wells	U
2382	Flight Test Activity Report, August 1953	8-28-53	P. Dolan	C
2383	Testing the Magnetic-Core Memory System in a Computer	9-18-53	B. Widrow	U
2384	A Large Planar Switch for Register Selection in a Magnetic-Core Memory (Masters Thesis Proposal)	8-31-53	J. Raffel	U
2385	S&EC Bi-Weekly Report, August 21, 1953	8-21-53		U
2386	Test Equipment Committee Meeting of August 31, 1953	9-8-53	L. Sutro	U
2387	Current Status of Basic Circuit Work	8-21-53	A. Heineck	U

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2389	Magnetic Memory Plane Insulation Resistance Tests	9-2-53	R. Biagiotti	U
2390	Transient Changes in Oxide Cathodes (PR #3)	9-2-53	H. Frost	U
2391	Check List for M-Series Reports	9-2-53	R. Rathbone	U
2392	List of Commercial Test Equipment	9-3-53	L. Sutro et al	U
2393	Track Situation Displays	8-19-53	D. Israel	C
2394	August 1953 Storage and Research Tube Summary	9-3-53	A. Zacharias	U
2395	Visit to Sylvania's Radio Tube Division	9-4-53	R. Fallows	U
2396	Elimination of Delayed Print-Out Old Code	9-4-53	E. Farnsworth	U
2397	Joint MIT-IBM Meeting of Memory Core Measurements, September 1, 2, 1953	9-4-53	D. Brown	U
2398	Trip to Linde Corporation, Tonawanda, N. Y. to Discuss Growth and Procurement of Ferrite Single Crystals	9-8-53	D. Buck	U
2399	Comparison between Numerical and Differential Analyzer Methods of Solving Differential Equations (MS Thesis Proposal)	8-31-53	H. Neumann	U
2400	Proposal for the Digital Information Display	9-8-53	M. Epstein	C
2401	Summary of Component Failures. March 15, to August 15, 1953	9-1-53	F. Yates	U
2402	Preliminary Discussions about Display and Crosstabling Controls for AN/FSQ-7	9-10-53	R. Gerhardt	C
2403	Developments of the XD 1 Display System	9-13-53	R. vonBuelow	C
2404	Laboratory Personnel List	9-11-53		C

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2405	IBM-MIT Memory Conference of September 9, 1953	9-11-53	W. Papian	C
2406	Summary of MIT-IBM Collaboration August 1. to August 31, 1953	9-11-53	A. Kroemer	C
2407	Division 6 Bi-Weekly Report for AN/FSQ-7 (XD-1) September 4, 1953	9-11-53		C
2408	Clamped Low-Speed Flip-Flop for XD-1	9-15-53	H. Boyd	U
2409	Preliminary Estimates of Person- nel and Console Requirements for XD-1 and Production Machines	9-15-53	D. Israel	C
2410	Test Equipment Committee Mee- ting of September 14, 1953	9-16-53	L. Putro	U
2411	Bi-Weekly Progress Report for AN/FSQ-7 (XD-1) September 4, 1953	9-15-53	P. Gray A. Kroemer	C
2412	An Analytical Review of Neel's Molecular Field Theory of Ferri- and- Antiferromagnetism	9-16-53	A. Loeb	U
2413	Co-ordination of the Cape Cod System Flight Test with CAA and Air Force Facilities	12-21-53	D. Israel	C
2414	Meeting to Decide MTC Memory Selection Scheme, September 16, 1953	9-18-53	P. Bagley W. Hosier	U
2415	S&EC Bi-Weekly Report for September 4, 1953	9-6-53		U
2416	S&EC Bi-Weekly Report for September 20, 1953	9-20-53		U
2417	A Useful Relationship between Sampling Rates and Quantization Intervals	9-21-53	W. Wells	C
2418	Output Buffer Drum, Meeting at High Street on September 15, 1953	9-21-53	R. Jeffrey R. Hopkins	C
2419				

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2420	Interpretation of Memory-Core Specifications	9-22-53	D. Brown	U
2421	Visit to GE, Owensboro, Kentucky and Status of Z-2177 Development	9-52-53	R. Fallows	U
2422	Power Distribution Discussions for Basement of Building A held at MIT September 9,10, 1953	9-22-53	F. Sandy	U
2423	Lighting Conditions and Design Considerations in SCC Control Center	9-21-53	J. Newitt	U
2424	Schedule for Design of Output System	9-21-53	J. Newitt	C
2425	Digital Techniques for Sorting by Areas in a Plane (MS Thesis Proposal)	9-24-53	G. Young	U
2426	Regenerative Transistor Magnetic-Core Drivers	11-22-53	S. Oken	U
2427	Bi-Weekly Program Report for AN/FSQ-7 September 19, 1953	9-24-53	P. Gray A. Kroemer	C
2428	IBM-MIT Memory Conference of 22 September 1953	9-25-53	W. Papiian	C
2429	Test Equipment Committee Meeting of September 25, 1953	10-2-53	L. Sutro	U
2430	Division 6 Bi-Weekly Report	9-25-53		C
2431	Secret Supplement to the Bi-Weekly Report September 25, 1953	9-25-53		S
2432	XD-1 Flip-Flop Count	9-29-53	R. Mayer	C
2433	Use of WWI in Conjunction with F-99 Test Program	9-30-53	J. Arnow	S
2434	Visit to Tung-Sol on 5998 Production	9-30-53	R. Fallows	U
2435	Use of Silver Plated Terminals	10-1-53	B. Paine	U
2436	Phone Line Meeting of September 24, 1953	10-19-53	H. Rising	C

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2437	Flight Test Activity Report for September, 1953	9-30-53	A. Hill	C
2438	September 1953 Storage and Re-search Tube Summary	10-1-53		U
2439	Vacuum Tube Failures During the Month of July 1953	9-21-53	H. Frost	U
2440	S&EC Bi-Weekly Report, October 5, 1953	10-5-53		U
2441	Laboratory Personnel for October	10-1-53		U
2442	Ferrite Synthesis	9-15-53	F. Vinal	U
2443	Cancelled			
2444	Transient Changes in Oxide Cathodes (PR #4)	10-5-53	H. Frost	U
2445	Results of a Study of Lincoln and F-99 Compatibility with Respect to Data Accuracy	10-6-53	W. Wells	S
2446	Summary of West Coast Visit on September 28, 1953	9-28-53	C. Corderman	C
2447	Proposed Word Layout on Track Display Drums for AN/FSQ-7 (XD-1)	10-6-53	R. Gerhardt	C
2448	Proposed Word Layout of the Un-correlated-correlated Data Drum Fields for AN/FSQ-7 (XD-1)	10-6-53	R. Gerhardt	C
2449	Joint MIT-LM Meeting on Memory-Core Measurements, September 24, 1953	10-2-53	D. Brown	U
2450	A 25 Counter Employing Transistors	10-8-53	E. Cohler	U
2451	Use of Light Guns for Non-Track-While -Scan Positions	9-9-53	D. Israel	C
2452	Visit to RCA Lancaster Tube Plant	10-9-53	H. Frost	U
2453	Track Situation Scope Displays for XD-1	10-6-53	R. vonBuelow	C

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2454	Joint Group 37- Group 63 Meeting on Ferrite Research	10-9-53	D. Brown	U
2455	Summary of MIT-IBM Collaboration September 1 through September 30, 1953	10-13-53	A. Kroemer	C
2456	Bi-Weekly Progress Report for AN/FSQ-7	10-2-53	P. Gray	C
2457	Division 6 Bi-Weekly Report for October 9, 1953			C
2458	Secret Supplement to Division 6 Bi-Weekly of October 9, 1953			S
2459	Marginal Checking for Circuit Designers	10-13-53	R. Flaff	U
2460	Non-Track-While-Scan Record Forms	10-14-53	F. Heart	C
2461	Instructions for the Use of Flexowriter-Verifier Equipment	10-22-53	M. Demurjian C. Fleming	U
2462	Joint Group 37- Group 63 Meeting on Ferrite Research	10-16-53	D. Brown	U
2463	Handbook for Technical Reporting	10-16-53	R. Rathbone	U
2464	Transient Changes in Oxide Cathodes (PR #5)	10-19-53	F. Frost	U
2465	S&EC Bi-Weekly Report	10-19-53		U
2466	Power Cathode Follower	10-20-53	D. Shansky	U
2467	Joint MIT-IBM Meeting on Memory-Core Measurements, October 13, 1953	10-20-53	D. Brown	U
2468	Group 62 Section Leaders Meeting of October 19, 1953 AN/FSQ-7 Equipment Design Program	10-20-53	P. Gray A. Kroemer	U
2469	Marginal Checking without Shutdown of the XD-1 Central	10-20-53	R. Fallows	C
2470	Group 62 Section Leaders Meeting AN/FSQ-7 Equipment Design Program	10-13-53	R. Mayer	C

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2471	Test Equipment Committee Meeting of October 16, 1953	11-3-53	L. Sutro	U
2472	Programs for Checking the Equipment in Room 222 and Adjacent Areas (Supplement to M-1815)	10-22-53	G. Young B. Morriss	U
2473	B-H Loop Squareness in the Magnesium-Manganese Ferrites	10-22-53	J. Goodenough	U
2474	A Theory of Ionic Ordering, Tetragonal-Phase Formation, Magnetic Exchange, and Lamellar Precipitation Due to Covalent Forces in Spinels	5-7-54	A. Loeb J. Goodenough	U
2475	IBM Drawings Accessions Lists	10-23-53	A. Falcione	U
2476	Division 6 Bi-Weekly Report for October 23, 1953	10-23-53		C
2477	Secret Supplement to Division 6 Bi-Weekly of October 23, 1953			S
2478	Bi-Weekly Report for AN/FSQ-7 October 23, 1953	10-28-53	A. Kroemer	C
2479	Group 62 Section Leaders Meeting, October 26, 1953 AN/FSQ-7 Equipment Design Program		A. Kroemer	U
2480	CANCELLED			
2481	Reliable Components Meeting #25, Surprenant Manufacturing Co.	10-27-53	C. Watt	U
2482	Visit to IBM, October 23, 1953	10-28-53	F. Vinal	U
2483	Trip to RCA Victor, Camden, N.J., October 22, 1953	10-28-53	F. Vinal	U
2484	MIT Drafting Procedure for AN/FSQ-7	11-10-53	A. Falcione	U
2485	IBM Military Reference Data Book for An/FSQ-7	10-29-53	H. Hodgdon	U
2486	Group 63 Seminar on Magnetism, Volume 2, I --- Ferromagnetic Anisotropy	10-29-53	N. Menyuk	U

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2487	Vacuum Tube Failures During the Month of August 1953	10-21-53	H. Frost	U
2488	Flight Test Activity Report for October 1953	11-2-53	A. Hill	C
2489	Summary of Group 61 Flight Operations --- Week of 26, October, 1953	11-3-53	Group 61	C
2490	New Construction Requisition Forms DL-73-73	11-2-53	F. Manning	U
2491	Output Design Schedule	11-3-53	R. Hopkins	U
2492	Laboratory Personnel	11-2-53		U
2493	Delay Line Circuits	11-2-53	J. Gillette	U
2494	Estimated Cathode Counts for Various Drum Proposals	11-3-53	R. Mayer	C
2495	List of Equipment for AN/FSQ-7 (XD-1 and XD-2) Systems	11-4-53	A. Kroemer	S
2496	Group 62 Section Leaders Meeting, November 2, 1953 AN/FSQ-7 Equipment Design Program	11-2-53	A. Kroemer	U
2497	S&EC Bi-Weekly Report	11-2-53		U
2498	Storage of Programs on Magnetic Tape	11-4-53	E. Wolf	U
2499	Minutes of Meeting on Display Console Design for XD-1	11-4-53	R. vonBuelow	C
2500	CANCELLED			
2501	Trip to Bell Laboratories, Whippany, October 30, 1953	11-5-53	D. Eckls	U
2502	Console Power for XD-1	11-5-53	D. Eckl	C
2503	Proposal for New Method of Digital Information Display	11-6-53	M. Epstein	C
2504	Revision of Test Control	11-9-53	N. Daggett	U
2505	Summary of MIT-IBM Collaboration on Design of AN/FSQ-7 Combat Information Central	11-9-53	A. Kroemer	C

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2506	Information Sorting in the Application of Electronic Digital Computers to Business Operations (MS Thesis Proposal)	11-9-53	H. Seward	U
2507	Division 6 Bi-Weekly Report	11-6-53		C
2508	Secret Supplement to Bi-Weekly Report of November 6, 1953			S
2509	Selection of a Character Generator for XD-1	11-9-53	R. vonBuelow	C
2510	Final Turn Interception Equations	11-9-53	P. Cioffi	C
2511	Bi-Weekly Report for AN/FSQ-7	11-6-53	A. Kroemer	C
2512	Average RCA and Bell Transistor Characteristics	11-12-53	N. Jones	U
2513	Transient Changes in Oxide Cathodes (PR #6)	11-12-53	H. Frost	U
2514	The Incorporation of a Magnetic-Matrix Switch into a Multiplanar Coincident-Current Memory (MS Thesis Proposal)	11-12-53	A. Hughes	U
2515	S&EC Sunday Computer Time	11-12-53	C. Adams	U
2516	Input and Distribution of Weather Data, Aircraft Types, Radio Frequencies, and Data Link Addresses for Cape Cod System	11-12-53	F. Heart	C
2517	Probability of Acquiring a Target with a Nodding-Beam Height Finder	11-13-53	B. Widrow	C
2518	Group 62 Section Leaders Meeting of November 9, 1953	11-13-53	P. Gray	U
2519	Test Equipment Committee Meeting of November 20, 1953	11-17-53	L. Sutro	U
2520	Z-2177 Development Discussions, October 22 and 23, 1953	11-17-53	H. Frost	U
2521	Preliminary Outline of Things to be Considered and Decisions for XD-1 Console Design	11-17-53	J. Newitt	C

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2522	Performance of Inet DC Power Supply, Type RR150-25	11-18-53	J. Gano R. Farmer	U
2523	Status of SR1782A Development and Procurement	11-19-53	R. Fallows	U
2524	S&EC Bi-Weekly Report	11-16-53		U
2525	Output Buffer Drum Specifications	11-20-53	R. Cypser B. Housman R. Jeffery R. Hopkins	C
2526	Component Standards for WWI	11-25-53	A. Falcione	U
2527	MTC: Programming Manual	11-25-53	P. Bagley	U
2528	Bi-Weekly Progress Report for Division 6	11-20-53		C
2529	Supplement to Bi-Weekly Report, November 20, 1953			S
2530	Test Equipment Committee Meeting of November 20, 1953	12-4-53	L. Sutro	U
2531	Preparation of Material for Publication	11-25-53	J. Bennett	U
2532	Lincoln Quarterly Progress Report	11-24-53	J. Bennett	C
2533	Proposed Drum Write Circuit	11-24-53	H. Henegar	U
2534	Display Console Meeting at IHM Vestal Laboratory on November 19, 1953	11-25-53	J. Bassett	C
2535	Checking Routines on XD-1	11-25-53	N. Taylor	U
2536	Laboratory Personnel	12-1-53		U
2537	A Proposal for Digital Expansion of Display for XD-1	11-30-53	R. Gerhardt	C
2538	Bi-Weekly Progress Report for AN/FSQ-7 November 20, 1953	11-30-53		C
2539	CANCELLED			
2540	S&EC Bi-Weekly Report	11-29-53		U

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2541	IBM Accounting Machines for XD-1 Punch Card Preparation	11-30-53	D. Israel	U
2542	Preliminary Investigation of Light Cannon	11-30-53	D. Israel	C
2543	Logical Networks, I-Unilateral Nets	11-20-53	R. Jeffrey	U
2544	The Need for Circuit Schematics of Each Assembly	11-30-53	C. Watt	U
2545	Visit to Jacobs Instrument Company, November 3, 1953	12-2-53	I. Reed D. Brown	C
2546	Group 62 Section Leaders Mee- ting, November 23, 1953		A. Kroemer	U
2547	Group 62 Section Leaders Mee- ting, November 30, 1953		A. Kroemer	U
2548	Flight Test Activity Report for November 1953	12-3-53	A. Hill	C
2549	The High-Speed Gate Tube Cir- cuit	12-8-53	H. Platt	U
2550	Division 6 Bi-Weekly Report December 5, 1953			C
2551	Secret Supplement to Bi-Weekly Report December 5, 1953			S
2552	Flexowriter Equipment	12-7-53	M. Demurjian	U
2553	The Revised (30-J,J) Pro- grammed Arithmetic Subroutine	12-7-53	F. Helwig	U
2554	CANCELLED			
2555	Test Equipment Committee Mee- ting of December 8, 1953	12-9-53	L. Sutro	U
2556	Proposed Read Amplifier for XD-1 Magnetic Drum	12-8-53	H. Boyd	U
2557	Group 62 Section Leaders Mee- ting, December 7, 1953		R. Gray	U
2558	Bi-Weekly Progress Report for AN/RSQ-7	12-4-53	A. Kroemer	C

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2559	Telephone Connections to Display Console	12-8-53	J. Bassett	U
2560	Proposed Change in Operation Timing for the Instruction "CP"	12-9-53	F. Helwig D. Arden	U
2561	Proposed Timing Track Time Pulse Generator XD-1	12-10-53	H. Boyd	U
2562	Introduction to the Theory of Semi-Conductors, V; Properties of Semi-Conductors	12-14-53	D. Eckl	U
2563	Summary of MIT-IBM Collaboration on Design of an AN/FSQ-7 Combat Information Central	12-7-53	A. Kroemer	C
2564	XD-1 Order Code Study	11-25-53	D. Israel	C
2565	New AN/FSQ-7 Drawing Number Assignments	12-10-53	A. Falcione	U
2566	CANCELLED			
2567	XD-1 Display Information	12-11-53	D. Israel	C
2568	Pulse Response of Ferrite Memory-Cores	12-13-53	J. Freeman	U
2569	S&EC Bi-Weekly Report	12-13-53		U
2570	Magnetic Devices Incorporated, Trip Report	12-15-53	F. Sandy	U
2571	Print Room Procedures for Production Control	12-15-53	A. Falcione	U
2572	XD-1 Order Code	12-17-53	D. Israel	C
2573	Co-ordination and Dissemination of Information in the FSQ-7 Output Display Development Program	12-19-53	J. Bassett	C
2574	Group 62 Section Leaders Meeting December 14, 1953		A. Kroemer	U
2575	Lincoln Approval of Specifications of Frames for XD-1 Systems Office	12-21-53		C
2576	Division 6 Bi-Weekly Report	12-18-53		C

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2577	Secret Supplement to Bi-Weekly Report for December 18, 1953	12-21-53		S
2578	XD-1 Building Meeting	12-22-53	W. Ayer	U
2579	Mock-up of XD-1 Cabinet Module Design	12-22-53	J. Newitt	C
2580	Description of the Identification Function of the 1953 CCS	12-22-53	D. Israel	C
2581	Preliminary Proposal for Light Cannon	12-22-53	R. Mayer	C
2582	Mock-up of XD-1 Cabinet Module Design	12-22-53	J. Newitt	C
2583	AN/FSQ-7 Bi-Weekly Report	12-18-53	A. Kroemer	C
2584	Meeting on AN/FSQ-7 Etched Wiring Cards	12-23-53	B. Paine	U
2585	Information Needed for Final Approval of Circuits	12-29-53	A. Heineck	U
2586	CANCELLED			
2587	S&EC Bi-Weekly Report	12-27-53		U
2588	The Determination of Altitude and Raid Size in the 1953 CCS	12-21-53	M. Geraghty	C
2589	Laboratory Personnel	1-4-54		U
2590	Test Equipment Committee Meeting of December 17, 1953	12-30-53	L. Sutro	U
2591	Proposed Sense Amplifier for High-Speed Magnetic Memory	12-29-53	C. Laszina	C
2592	Understanding of Present Status of AN/FSQ-7 (XD-1) Mapper Console Design	12-29-53	E. Rich	C
2593	Proposal for XD-1 Digital Information Display	12-21-53	O. Conant	C
2594	Introduction of Data from Bedford Mark X Beacon into WWI	12-31-53	B. Merriss	C
2595	Group 62 Section Leaders Meeting December 21, 1953	1-4-53	A. Kroemer	U

No.6M	Title	Date	Author	Cls.
2596	Division 6 Bi-Weekly Report December 31, 1953	1-1-54		C
2597	Secret Supplement to Bi-Weekly Report December 31, 1953			S
2598	Transformer Drive for a Coin- cident Magnetic Memory (MS Thesis Proposal)	1-5-54	E. Gates	U
2599	Transient Changes in Oxide Cathodes (PR #7)	1-6-54	H. Frost	U
2600	Evaluation of the AN/FSQ-7 (XD-1) SDV Demodulator Circuit	1-5-54	E. Rich	C
2601	CANCELLED			
2602	Stress Effects in Ferrites and Generalization of Switching Coefficient for Non-Square Materials	1-6-54	N. Menyuk	U
2603	Marginal Checking Breakdown of the Instruction Frame	1-6-54	R. Pfaff	U
2604	Summary of Aircraft Hours Sched- uled, Flown and Cancelled for the Year 1953	1-4-54	A. Hill	C
2605	Agreement on Etched Wiring Techniques	1-6-54	C. Watt	U
2606	Specifications for AN/FSQ-7 Display System	1-6-54	R. vonBuelow	C
2607	Plans for Testing AN/FSQ-7 Mapper Console for the Cape Cod System	1-7-54	E. Rich	C
2608	Group 62 Section Leaders Mee- ting January 4, 1954	1-8-54	A. Kroemer	U
2609	Operating Responsibilities for the Cape Cod System	1-8-54	C. Wieser	C
2610	Summary of MIT-IBM Collaboration on Design of AN/FSQ-7 (XD-1) Combat Information Central December 1 through December 31, 1953	1-8-54	A. Kroemer	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
2611	Experimental Operating Procedures for Interceptors in the Cape Cod System	1-4-54	C. Zraket	C
2612	Marginal Checking of Logical Diode Gate Circuits	2-10-54	B. Remis	U
2613	Whirlwind I Alarms	1-15-54	S. Thompson	U
2614	S&EC Bi-Weekly Report	1-10-54		U
2615	Division 6 Group Organization List	1-12-54		U
2616	The G.E. G-11A Point - Contact Transistors	1-13-54	D. Eckl	U
2617	Input Improvements in the Write Group-Selection System for the Auxiliary Drum	1-12-54	K. McVicar	U
2618	Personnel Requirements for FSQ-7 Installations	12-26-54	D. Israel	S
2619	Schedule for 9-Day Familiarization with the Cape Cod and Transition System	1-13-54	C. Grandy	C
2620	Group 62 Section Leaders Meeting of January 11, 1954	1-11-54	P. Gray	C
2621	Operating Instructions: Intercept Directors, Intercept Technicians and Radio Operators	9-23-54	D. Israel	C
2622	List of Equipment for AN/FSQ-7 Duplex Central	2-4-54	A. Kroemer	S
2623	Vacuum Tube Failures During the Month of September, 1953	1-4-54	T. Clough A. Parisi	U
2624	Vacuum Tube Failures During the Month of October, 1953	1-8-54	A. Parisi T. Clough	U
2625	Investigation of Semi-Conductor Devices as Gated Amplifiers (MS Thesis Proposal)	1-14-54	C. Kirk	U
2626	Test Equipment Committee of January 12, 1954	1-18-54	L. Sutro	U

No.6M	Title	Date	Author	Cls.
2627	An Investigation of Optimum Checking of Time Sharing Output Equipment in Digital Computers (MS Thesis Proposal)	1-15-54	D. Hogan	U
2628	Introduction to the Theory of Semi-Conductors VI, Properties of Holes and Electrons	1-25-54	D. Eckl	U
2629	Trip Report to Bell Telephone Laboratories, Murray Hill, N. J. January 6, 1954	1-14-54	J. Goodenough	U
2630	CANCELLED			
2631	Status of Z-2177 Development	1-15-54	R. Fallows	U
2632	CANCELLED			
2633	AN/FSQ-7 Bi-Weekly Progress Report, January 15, 1954	1-15-54	P. Gray	C
2634	Multi-Coordinate Selection Systems for Magnetic-Core Storage (MS Thesis Proposal)	1-19-54	R. DiNolfo	U
2635	Division 6 Bi-Weekly Report, January 15, 1954	1-18-54		C
2636	CANCELLED			
2637	Component Test Report: Pulse Transformers, Hermetically Sealed, with Ferrite Cores	1-18-54	R. Biagiotti	U
2638	Magnetic Drum Writing Circuits Using Magnetic Cores (MS Thesis Proposal)	1-19-54	H. Venegar	U
2639	Group 62 Section Leaders Meeting on January 18, 1954		A. Kroemer	U
2640	Flight Test Umpire Facilities for XD-1	1-20-54	D. Israel	C
2641	CANCELLED			
2642	Summation of Comments on XD-1 Console Mock-ups	1-20-54	D. Israel	C
2643	MIT Liability for Equipment on Loan from IBM	1-21-54	A. Kroemer	U

No.6M	Title	Date	Author	Cls.
2644	Addendum to Specifications for AN/FSQ-7 Display System	1-22-54	W. Lone	C
2645	XD-1 Utility Programs and Punched Card Preparation Proposals	1-22-54	W. Thomas	U
2646	Laboratory Personnel	2-1-54		U
2647	Reasons for Rejection of Suggested Changes to Specifications for AN/FSQ-7 Display System	1-25-54	R. vonBuelow	C
2648	Information Regarding Performance Specifications for AN/FSQ-7 Output Frame	1-26-54	J. Arnow	S
2649	Graphical Summary of Core Data in the MgO-Fe ₂ MnO System	1-25-54	J. Goodenough	U
2650	Use of Laminated Insulating Materials	1-26-54	H. Hodgdon	U
2651	Group 62 Section Leaders Meeting of January 25, 1954	1-25-54	A. Kroemer	C
2652	Character Positioning Circuits for XD-1	1-27-54	R. Gerhardt	C
2653	Teleregister Installation in Cape Cod Direction Center	1-27-54	G. Rawling	C
2654	S&EC Bi-Weekly Report	1-24-54		U
2655	Proposal for a Digital Display Selection System	2-15-54	M. Epstein	C
2656	XD-1 Indicator Lights and Activate Buttons	1-28-54	D. Israel	C
2657	Test Equipment Committee Meeting of January 28, 1954	2-16-54	L. Sutro	U
2658	Second Floor Heat Loads for XD-1	1-29-54	W. Ayer	C
2659	CANCELLED			
2660	Cooling Equipment Specifications for AN/FSQ-7 (XD-1)	2-1-54	W. Ayer	U

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2661		WWI Operation Times	2-1-54	H. Denman	U
2662		Division 6 Bi-Weekly Report of January 29, 1954	2-1-54		C
2663		Supplement to Bi-Weekly Report of January 29, 1954			S
2664		Meeting with Sprague on Pulse Transformer Construction	1-25-54	B. Paine	U
2665		Group 62 Section Leaders Meeting	2-1-54	P. Gray	U
2666		Message Standardization for General Electric Data Link	1-29-54	L. Murray	C
2667		Vacuum Tube Failures During the Month of November, 1953	1-28-54	A. Parisi T. Clough	U
2668		AA Guidance Programming, Displays, and Communications for 1953 CCS 12-17-53		J. Cahill	C
2669		Use of Silver in Etched Wiring Cards	2-3-54	B. Paine A. Loeb	U
2670		Logical Networks, II-Binary Network Algebra	2-3-54	R. Jeffrey	U
2671		Vacuum Tube Failures During the Month of December, 1953	2-4-54	A. Parisi T. Clough	U
2672		Conditions for Life Test of Typotron Tubes	2-4-54	C. Corderman	U
2673		Summary of Aircraft Hours Scheduled, Flown, and Cancelled for January, 1954	2-3-54	A. Hill	C
2674		A Comparison between Square- Loop Metals and Ferrite for High-Speed Pulsed Operation	2-4-54	D. Brown D. Buck N. Menyuk	U
2675		Operation of New Timing Register	2-5-54	R. Gould	U
2676		AN/FSQ-7 Progress Report Bi- Weekly for January 29, 1954			C
2677		CANCELLED			

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2678	MTC Drawings and Service File	2-5-54	L. Sutro	U
2679	Summary of MIT-IBM Collaboration on Design of AN/FSQ-7 (XD-1) Combat Information Central	2-9-54	A. Kroemer	C
2680	Operating Facilities and Instructions: The Weapons Director and Control Technician	2-1-54	J. Nolan	C
2681	XD-1 Situation Displays	2-9-54	H. Bennington	C
2682	Group 62 Section Leaders Meeting of February 8, 1954	2-8-54	A. Kroemer	C
2683	Report on Trip to Plastic Laminate Manufacturing Plants	2-5-54	J. Bassett	U
2684	S&EC Bi-Weekly Report	2-7-54		U
2685	XD-1 Order Code Abbreviations	2-11-54	W. Lone	C
2686	Steady State Condition of a Junction Transistor Flip-Flop	3-11-54	E. Cohler	U
2687	Division 6 Bi-Weekly Report of February 12, 1954			C
2688	Supplement to Bi-Weekly Report of February 12, 1954			S
2689	Reverse Recovery Measurements of Diodes	11-30-54	N. Jones	U
2690	A Transistor Gate Using External Regeneration	3-4-54	C. Kirk	U
2691	Group 62 Section Leaders Meeting of February 15, 1954	2-15-54	A. Kroemer	C
2692	Ferrite Synthesis II	2-17-54	F. Vinal	U
2693	Background for Output Burst Counter Proposal for AN/FSQ-7	2-19-54	R. Hopkins	C
2694	Phone Lines and Telephone Equipment for AN/FSQ-7	2-19-54	C. Wieser	C
2695	Test Equipment Committee Meeting of February 16, 1954	2-19-54	L. Sutro	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
2696	Group 62 Section Leaders Meeting of February 23, 1954		A. Kroemer	C
2697	Output System Performance Specifications	3-1-54	Output Committee	C
2698	Progress Report for AN/FSQ-7	2-19-54	P. Gray	C
2699	S&EC Bi-Weekly Report	2-21-54		U
2700	Delay Circuit	4-6-54	J. Gillette	U
2701	Proposal for Change in Display Specifications for XD-1	3-1-54	Systems Office	C
2702	Division 6 Bi-Weekly Report of February 26, 1954			C
2703	Supplement to Bi-Weekly Report of February 26, 1954			S
2704	Distribution Procedures for Laboratory Memorandum	3-1-54	A. Falcione	U
2705	Group 62 Section Leaders Meeting of March 8, 1954	3-10-54	P. Gray	C
2706	Memos Concerning the 1954 CCS	3-3-54	D. Israel	C
2 07	Test Equipment Committee Meeting of March 2, 1954	3-19-54	L. Sutro	U
2708	Vacuum Tube Failures During the Month of January 1954	3-3-54	T. Clough A. Parisi	U
2709	Personnel List for March, 1954	3-1-54		U
2710	Approval and Procurement of Components for XD-1 Equipment Designed at MIT	3-3-54	C. Watt	U
2711	Action of the Recommendation of ADC Visitors	3-4-54	D. Israel	C
2712	Mite 3 Operations Via the Buffer Drum or with the Computer Directly	3-8-54	A. Werlin	U
2713	Etched Circuit Discussions at Bell Laboratories, Murray Hill, New Jersey	3-5-54	C. Watt	U

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2714	CANCELLED			
2715	Programming for the Ferranti Photoelectric Tape Reader	3-1-54	S. Best	U
2716	S&EC Bi-Weekly Report of March 7, 1954	3-11-54	C. Adams	U
2717	Group 62 Section Leaders Meeting of March 8, 1954	3-10-54	P. Gray	C
2718	Test Equipment Committee Meeting of March 10, 1954	3-22-54	L. Sutro	U
2719	Training Requirements for Operating Positions of the 1953 Cape Cod System	3-12-54	D. Israel	C
2720	Equipment Estimates and Allocation for XD-1 Operating Positions	3-12-54	H. Kershner	C
2721	The RCA TA-165 and TA-165 K Point Contact Transistors	3-15-54	D. Eckl	U
2722	Bi-Weekly Report for March 12, 1954, Division 6	3-12-54		C
2723	Supplement to Bi-Weekly Report of March 12, 1954	3-12-54		S
2724	Meeting at Project High on XD-1 Maintenance Intercom System	3-24-54	H. Kirshner	C
2725	Pulsed Sequential Switching Circuits	3-12-54	W. Klien	U
2726	Air Defense Familiarization Program	3-12-54	C. Gaudette	C
2727	Z-2177 Development Meeting on 3-1 and 3-2, 1954	3-22-54	S. Twicken	U
2728	Increased Facilities for Visual Display in the WWI Input-Output	3-17-54	G. Young	U
2729	Paper Tape Units and Printers in the WWI Input-Output System	3-15-54	G. Young	U

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2730	Progress Report for AN/FSQ-7 March 13, 1954	3-17-54	P. Gray	C
2731	Group 62 Section Leaders Meeting of March 15, 1954	3-22-54	A. Kroemer	C
2732	Proposed Program of Activity on ID-1 Display	3-30-54	R. Fallows	C
2733	Program Organization and Data Storage: Weapons Assignment, Intercept Direction Anti-aircraft, Identification, Height Finding and Display	2-6-54	S. Knapp	C
2734	Computer Operations Manual for Cape Cod System	3-17-54	J. Ishihara	C
2735	Crosstelling Mark X and Automatic Heightfinder Inputs-Responsibilities and Schedules	3-19-54	R. Hopkins	C
2736	Core Memory Using External Bit Selection	3-18-54	J. Raffel	U
2737	Etched Circuit Discussions at Squire Signal Laboratory	3-18-54	B. Paine C. Watt	U
2738	Proposed Schedule for Phone Line Terminal Devices	3-18-54	I. Aronson	U
2739	Analysis and Design of Sample Non-linear Noise Filters	3-19-54	R. Sittler	U
2740	Proposed Character Positioning for ID-1 Display System	3-12-54	R. Gerhardt	C
2741	Operating Procedures for CS-II	4-21-54	D. Combelic	U
2742	S&EC Bi-Weekly Report for March 21, 1954	3-21-54		U
2743	Selection of Digital Information Display Tube	3-23-54	R. vonBuelow	C
2744	Establishing New Procedures for Various Phases of AN/FSQ-7 Program	3-23-54	R. vonbuelow	U
2745	Group 62 Section Leaders Meeting for March 22, 1954	3-24-54	A. Kroemer	U

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2746	Equipment Changes (Supplement to M-2706) 1954 Cape Cod System	3-25-54	D. Israel	U
2747	Transportation Bedford to Poughkeepsie via IBM Company Plane	8-26-54	A. Kroemer	U
2748	Laboratory Personnel	4-1-54		U
2749	Division 6 Bi-Weekly for March 26, 1954	3-26-54		C
2750	Supplement to Bi-Weekly Report of March 26, 1954			S
2751	Silver Migration Discussions at Squier Signal Laboratory and Bell Telephone Laboratories	3-29-54	B. Paine	U
2752	Layout of Panels to be Installed in Room - 156	3-29-54	K. McVicar	C
2753	Reliable Components Meeting #26 United Transformer Company	3-29-54	C. Watt	U
2754	Group 61 Computer Time	3-1-54	G. Zraket J. Ishihara A. Mathiasen	U
2755	Core Drivers Model V and Model VI Applications, Limitations, and Modifications	5-1-54	J. Childress	U
2756	Smoothing of Samples of a Function and its Derivative in the Presence of Noise	4-22-54	B. Smulowicz	U
2757	Results of WWI Computer Tests on Preliminary XD-1 Mapper System	4-1-54	E. Rich	C
2758	Increased Tracking Accuracy from Radial Velocity Information	4-9-54	B. Smulowicz	C
2759	Use of the WWI Modification Notice	3-1-54	E. Rich	U
2760	Group 62 Section Leaders Meeting of April 5, 1954	4-6-54	A. Kroemer	C
2761	Outline of a System of XD-1 Design Notes	4-9-54	R. Mayer	C

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2762	A Magnetic-Core Memory with External Selection (MS Thesis Proposal)	4-6-54	S. Bradspies	U
2763	S&EC Bi-Weekly Report	4-4-54	J. Forrester	U
2764	Junction Transistor Magnetic-Core Drivers	4-20-54	S. Oken	U
2765	Results of Operation of Identification Section of Cape Cod System, October 1, 1953 to March 1, 1954	4-8-54	S. Hauser	C
2766	Summary of MIT-IBM Collaboration of Design of AN/FSQ-7 (XD-1) Combat Information Central March 1 through March 31, 1954	4-8-54	A. Kroemer	C
2767	Progress Report for AN/FSQ-7 for April 9, 1954	4-9-54	P. Gray	C
2768	Effects on Scan Rate and Delays on Weapons Control	11-8-54	C. Wieser	C
2769	Radar Data Capacity of the AN/FSQ-7	4-8-52	C. Wieser	C
2770	Duplex Central Operation	4-9-54	R. Everett	C
2771	Final-turn Intercept Equations	4-9-54	P. Cioffi	C
2772	Division 6 Bi-Weekly Report	4-9-54		C
2773	Supplement to Bi-Weekly Report of April 9, 1954			S
2774	Group 61 Proposal for Changes in the XD-1 DID System	4-12-54	H. Bennington	C
2775	Proposal for the 1954 Cape Cod System Simulation Programs	4-1-54	C. Guadette	C
2776	Rectangular Coordinates of Radars in Cape Cod System	11-16-53	D. Goldenburg	C
2777	Proposed Operating Specifications of a Tactical Voice Communications Systems for AN/FSQ-7 (XD-1)	4-13-54	H. Kirshner	C

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2778	Trip Report to IRE, BTL, Glenco, Naval Ordnance Laboratory, Professor Pulvari, Cavitation, Mullard, RCA, and NSA, March 23-31, 1954	4-13-54	D. Buck	U
2779	WWI Rack Terminal Assignment Schedules and WWI Wiring Schedules	4-20-54	R. Dickie	U
2780	Summary of Track-While-Scan Data for 1953 Cape Cod System	4-13-54	H. Frachtman	C
2781	Results of Operation of the Antiaircraft Section in the Cape Cod System	4-7-54	J. Cahill	C
2782	Results of Interception Test for Period October 1, 1953 through March 1954	4-30-54	D. Israel	U
2783	A Description of Digital Expansion and off-centering for the XD-1 Situation Display	2-23-54	R. Gerhardt	U
2784	Results of Operation of Height Finder section of the 1953 Cape Cod System	5-7-54	C. Grandy	C
2785	Cape Cod Flight Test Program for Period April 1 through June 19, 1954	4-15-54	C. Zraket	C
2786	Test Equipment Committee Meeting of April 2, 1954	4-20-54	L. Sutro	U
2787	Memory Test Computer U-68 Utility and Analysis Program	3-23-54	J. Ackley	U
2788	Vacuum Tube Failures During the Month of February 1954	3-30-54	T. Clough	U
2789	S&EC Bi-Weekly Report for April 18, 1954	4-23-54	S&EC Group	U
2790	Group 62 Section Leaders Meeting April 20, 1954	4-21-54	A. Kroemer	C
2791	Removal of old Mite Units and Flip-Flop Buffer Storage (Supplement to M-1815)	4-22-54	A. Werlin K. McVicar	U

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2792	Personnel List for May 1954	5-3-54		U
2793	Procedures for Obtaining Test Equipment: Missing Equipment	4-26-54	L. Sutro	U
2794	Test Equipment Committee Meeting of April 23, 1954	4-26-54	L. Sutro	U
2795	Bi-Weekly Report for April 23, 1954	4-26-54		C
2796	Supplement to Bi-Weekly Report of April 23, 1954	4-26-54		S
2797	Group 62 Section Leaders Meeting	4-26-54	P. Gray	C
2798	Tape Room Procedures for CS-II	4-28-54	D. Combelle	U
2799	Proposal for the Master Control Program for the CCS	4-29-54	S. Knapp	C
2800	Typotron Tube Life Test, 1500 Hour Report	4-27-54	C. Gaudette S. Knapp	U
2801	Test Equipment Committee Meeting of April 29, 1954	5-17-54	L. Sutro	U
2802	FUD, Mark X IFF, and Semi-Automatic Height Finder Input Requirements for AN/FSQ-7	4-3-54	R. Hopkins	C
2803	Magnetic-Core Shift Register Evaluator	5-3-54	C. Schultz	U
2804	Effects of Tape Thickness and Temperature on Flux Reversal of 4-79 Molybdenum Permalloy	5-3-54	N. Menyuk	U
2805	F-99 Interception Simulation Program	5-26-54	H. Neuman	S
2806	Group 62 Section Leaders Meeting of May 3, 1954	4-3-54	P. Gray	C
2807	Suspension of 1953 Cape Cod Activities	4-29-54	R. Walquist	C
2808	Component Test Report: Contact Bounce in Push-Button Switches	6-8-54	V. Tessari	U

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2809	Cape Cod Radar Network Calibration	5-5-54	E. Wolf	C
2810	A Transistor Grounded-Base Amplifier as an "And" Gate	5-7-54	C. Kirk	U
2811	Preliminary Simulation of the Mid-Course Guidance of the F-99 Interceptor by Lincoln Transistor System	5-10-54	B. Smulowicz	S
2812	S&EC Bi-Weekly Report	5-2-54	J. Forrester	U
2813	XD-1 Displays	5-5-54	R. vonBuelow N. Edwards	U
2814	AN/FSQ-7 (XD-1) Specifications	5-7-54	Systems Office	C
2815	Bi-Weekly Report for May 7, 1954	5-7-54		C
2816	Supplement to Bi-Weekly Report for May 7, 1954			S
2817	Z-2177 Development Meeting on April 26, and 27, 1954	5-13-54	S. Twicken	U
2818	Transistor Products 2C and 2F Point Contact Transistors	5-10-54	D. Eckl	U
2819	Radar Mapping Supervisors Manual for the 1953 CCS	5-11-54	W. Wolf	C
2820	Blocking Oscillator Core Drivers for Use in Display Generator Buffer Storage	5-11-54	E. Anfenger	U
2821	Group 62 Section Leaders Meeting for May 10, 1954	5-12-54	F. Gray	U
2822	Summary of MIT-IBM Collaboration Design of AN/FSQ-7 (XD-1) Combat Information Central, April 1 through April 31, 1954	5-8-54	A. Kroemer	C
2823	Test Equipment Committee Meeting of May 19, 1954	6-2-54	L. Sutro	U
2824	Conference on Reliability of Electrical Connections for April 15 and 16 in Chicago, Ill.	5-18-54	C. Watt	U

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2825	Component Test Report: Pulse Transformers Hermetically Sealed with Ferrite Cores	5-19-54	V. Tassari	U
2826	Changes in the Analog Deflection Voltage Distribution for Characterons and Typotrons	5-17-54	C. Corderman	C
2827	Monitors Operation Manual for 1953 Cape Cod System	5-13-54	H. Peterson	C
2828	S&EC Bi-Weekly Report for May 16, 1954	5-16-54	J. Forrester	U
2829	Radar Mappers Manual for the 1953 Cape Cod System	5-16-54	J. Forrester	C
2830	Operation Lighting System for XD-1	5-20-54	W. Ayer	U
2831	Progress Report for AN/FSQ-7 for May 20, 1954	5-20-54	P. Gray	C
2832	MTC Tube Analysis Record on Z-2177	5-26-54	Z. Zacharias	U
2833	Programming Procedures CS II	5-24-54	D. Combelic	U
2834	Proposed Memory Address Selection System	5-26-54	D. Shansky	U
2835	Bi-Weekly Report for May 21, 1954	5-21-54		C
2836	Personnel List for June, 1954	5-26-54		C
2837	Group 62 Section Leaders Meeting	6-2-54	A. Kroemer	C
2838	Combat Operations Center Requirements	5-27-54	A. Kroemer	C
2839	One One Or The Other	5-28-54	R. Mayer W. Papiian	U
2840	Test Results on the DCL Memory Plane	5-28-54	E. Guditz	U
2841	Meetings with Westinghouse and Boeing on Communications of FSQ-7 with the F-99	6-2-54	R. Hopkins	S

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2842	XD-1 Digit-Plane Driver	5-28-54	D. Shansky	U
2843	Trip to Burroughs Research Center Paoli, Penn. April 27, 1954	5-27-54	D. Brown D. Buck	U
2844	CANCELLED			
2845	Group 64, Group 61 and Section 6520th AC&W Squadron Compliance with Administration Bulletin #61 Conelrad Plan	6-2-54	E. Rich	U
2846	Display Console Design for AN/FSQ-7 Central Conference at IBM Endicott	6-2-54	A. Kroemer	C
2847	Combat Center Requirements	6-3-54	A. Kroemer	C
2848	Proposal for Communication between AN/FSQ-7 and F-99 (Bomarc) Bases for Weapons Control	6-4-54	R. Hopkins	C
2849	Temporary Dislocation of Per- sonnel	6-3-54	R. Horn	U
2850	S&EC Bi-Weekly Report for May 30, 1954	5-30-54	S&EC Group	U
2851	Specifications of Scope Display Equipment in the 1954 CCS Direction Center	6-16-54	H. Benington	C
2852	Trip Report on General Electric Printed Circuit Facilities at Syracuse and Utica, N.Y.	1-4-54	J. Bassett	U
2853	Proposed Radar and Crossteling Inputs for XD-2	6-7-54	R. Hopkins	C
2854	Assignment of Light Gun Connec- tors, Intervention and Activate Registers and Digits	6-11-54	G. Rawling	C
2855	Bi-Weekly Report for June 2, 1954			C
2856	Supplement to Bi-Weekly Report of June 2, 1954			S
2857	Comments on ADC Requirements for Transition System Display	6-7-54	D. Israel	C

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2858	Lighting Specifications for XD-1	6-7-54	W. Ayer	C
2859	Group 62 Section Leaders Meeting	6-8-54	P. Gray	C
2860	Section Leaders Minutes Meeting of June 5, 1954	6-8-54	A. Kroemer	C
2861	Abstract of "Combined Engineer-User Test Plan for AN/GSG-2" (SCEL Id #3HS-1763, January 15, 1954)	6-9-54	J. Cahill	U
2862	Radar Data Display for XD-1	6-14-54	R. Walquist	C
2863	Proposed Changes to Output System Performance Specification	6-11-54	R. Hopkins	C
2864	Test Equipment Committee Meeting for June 11, 1954	6-11-54	L. Sutro	U
2865	Desirable Characteristics for Diodes to be Used in Single Line Core Shift Registers	6-14-54	E. Cohler	U
2866	A Proposal for Two Dimensional Smoothing	6-16-54	B. Widrow	C
2867	CANCELLED			
2868	Operation of the Magnetic Tape Print-out Systems	6-16-54	A. Roberts	U
2869	Raid-Size Assessment Tests	6-16-54	J. Cahill et al	C
2870	Progress Report for May 17 through June 13, 1954	6-22-54	J. Forrester	U
2871	Considerations of Prime Power Requirements for AN/PSQ-7 Duplex Central	7-16-54	J. Gano	C
2872	Suggestions for Console Checking	6-17-54	D. Hogan	C
2873	Basis for Release of Ferrite Memory Core Specifications	6-17-54	S. Desjardins D. Brown	U
2874	Summary of Discussions at the Duplex Central Meeting	6-17-54	C. Watt	C

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✓ 2875	Section Leaders Meeting of Group 62, June 14, 1954	6-17-54	A. Kroemer	C
2876	Bi-Weekly Report for June 18, 1954			C
2877	Specifications for AN/FSQ-7 (XD-1) Display	7-27-54	C. Corderman	C
✓ 2878	Group 62 Section Leaders Meeting of June 21, 1954	6-21-54	A. Kroemer	C
2879	Summary of IBM-MIT Collaboration on Design of AN/FSQ-7 (XD-1) CIC, May 1, through 31, 1954	6-24-54	A. Kroemer	C
2880	Evaluation of Ferroxcube Cores	6-28-54	P. Fergus	U
2881	S&EC Bi-Weekly Report for June 27, 1954	6-27-54	S&EC Group	U
2882	WWI Voltage Interlock Panel	7-1-54	D. Morrison	U
2883	Drum Diode Switch for XD-1	8-5-54	H. Boyd	U
2884	Approval Data on XD-1 Drum Switching and Writing Circuits	12-2-54	H. Anderson H. Boyd	U
2885	Results of Operation of the Anti-aircraft Section of the 1953 CCS, March 1, 1954 to June 19, 1954	7-1-54	J. Cahill	C
2886	Estimates of the Computing Time Required by the AN/FSQ-7 for the Interception Programs of the Transistion System	8-23-54	W. Lemnios	C
2887	Laboratory Personnel Project 6345	7-1-54		U
2888	Computation Time for Track-While-Scan Functions	7-16-54	R. Walquist	C
2889	Bi-Weekly Report July 2, 1954			C
*2890	Supplement to Bi-Weekly Report of July 2, 1954			S
*2890	Transistor Switching Circuitry for High-Speed Digital Computers	7-1-54	E. Cohler	U

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2891	Proposed Change in WWI to make Possible Programmed Recording of the "Lights"	7-13-54	A. Siegel	U
2892	Antiaircraft Guidance Exercises Performed by Group 61 prior to Operation of the 1953 CCS	7-9-54	J. Cahill	C
2893	Facilities and Equipment for Combat Center	7-8-54	A. Kroemer	C
2894	Laboratory Personnel	7-12-54		U
2895	Handling of Display Frames Equipment Drawings and Submitting to IBM for Release	7-9-54	R. Fal lows	U
2896	Visits to IBM	7-9-54	A. Kroemer	U
2897	Assignment of Indicator Light Registers and Connections to Indlight and Audible Alarm Panels	7-14-54	S. Knapp B. Bedrosian C. Gaudette	C
2898	CANCELLED			
2899	Reference Material for Programmers	7-13-54	C. Gaudette et al	U
2900	Progress Report, June 14 through July 11, 1954		S&EC Group	U
2901	Summary of IBM-MIT Collaboration on Design of AN/FSQ-7 (XD-1) Combat Information Central, June 1 through June 30, 1954	7-13-54	A. Kroemer	U
2902	Training Program for Air Force Personnel	5-26-54	W. Attridge	C
2903	Proposed Display for Monitoring Miscellaneous Radar Inputs	7-15-54	H. Anderson	C
2904	Proposed Changes in FSQ-7 Memory	7-13-54	D. Shansky	U
2905	Summary of the Saturation Tests for the 1953 CCS	8-26-54	L. Murray	C
2906	The Tape Preparation Facilities at Barta	7-15-54	M. Demurjian	U

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2907	Test Equipment Committee Meeting of July 7, 1954	8-15-54	L. Sutro	U
2908	Telephone Line Data Link Specifications	8-9-54	I. Aronson	U
2909	Operation of the 1954 CC Mappers	7-19-54	N. Alperin	C
2910	Account of Silver Migration in a WWI Panel	8-19-54	B. Paine	U
2911	Bi-Weekly Report for July 16, 1954	7-16-54		C
2912	Supplement to Bi-Weekly Report of July 16, 1954	7-16-54		S
2913	The Programmed Synthesis of Digital Computers within Digital Computers	7-20-54	F. Heart	U
2914	Magnetic Drum Checking	7-20-54	K. McVicar	U
2915	CANCELLED			
2916	Introduction to Track-While-Scan Functions in the 1953 CCS	8-9-54	J. Levenson	C
2917	Location of Input Data on Buffer Drums for 1954 CCS	7-21-54	K. McVicar	C
2918	Diode Discussions with Sylvania	8-22-54	B. Paine	U
2919	Sensing Winding Geometry and Information Patterns	8-22-54	J. Raffel	U
2920	Test Equipment Committee Meeting of July 22, 1954	7-23-54	L. Sutro	U
2921	Cooling System for AN/FSQ-7 Direction Centers	7-26-54	W. Ayer	C
2922	Radar Data Input Program 1954 CCS	8-19-54	E. Wolf	C
2923	Personnel List	8-2-54		U
2924	Proposed Program of Activity for Digital Data Receivers (DDR) and Transmitters (DDT) for XD-1	7-26-54	I. Aronson	C

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2925	Physical Characteristics of AN/FSQ-7 Direction Center Equipment	7-29-54	P. Gray	S
2926	Lighting Requirements and Acoustical Treatment for AN/FSQ-7 Direction Centers	7-27-54	W. Ayer	C
2927	Personnel Distribution in AN/FSQ-7 Direction Center and Associated Power Building	7-28-54	P. Gray	C
2928	Building Requirements for AN/FSQ-7 Direction Center	7-29-54	W. Ayer	S
2929	Results of Operation of Height Finder Section of the 1953 CCS	8-21-54	A. Favert	C
2930	CANCELLED			
2931	Final-Turn Test Program Summary 1953 CCS	9-16-54	P. Gioffi	C
2932	Experimental Test Program for the AFRC-Collins Ground to Air Data Link	8-13-54	L. Murray	C
2933	Master Control Programs for the 1954 CCS	8-9-54	S. Knapp	C
2934	Results of Operation of Identifications Section of 1953 CCS	8-26-54	S. Hauser	C
2935	Summary of Interceptions Conducted from March to June 15, 1954	10-15-54	P. Gioffi	C
2936	1954 CCS Flight Area Manual of Experimental Standard Operating Procedures	4-5-55	P. Gioffi	C
2937	Comments on Western Electric Memorandum Date June 16, 1954 on the Fundamental Requirements for Direction Center and Associated Power Buildings	7-29-54	W. Ayer	C
2938	Group 62 Section Leaders Meeting July 26, 1954	7-27-54	A. Kroemer	U
2939	Summary of Meeting Held July 22, 1954 on AN/FSQ-7 Tactical Telephone System	7-28-54	H. Kirshner	U

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2940	Group 61,62,63 and Production Section of Group 64	7-28-54	S. Dodd et al	U
2941	Rough Draft of Appendix A of Revision of TM-20	7-28-54	D. Israel	S
2942	Rough Draft of Appendix C of Revision of TM-20 (Inc. I,II,III,IV)	7-28-54	D. Israel	S
2943	X-Ray Equipment for Magnetic Research	7-29-54	D. Tuomi F. Vinal	U
2944	Weapons Direction Data Storage	8-10-54	H. Benington	C
2945	Current Calibrator(Chopper Model)	8-10-54	J. Childress	U
2946	Draft of Appendix B of Revision of TM-20	7-29-54	J. Arnow	S
2947	Implementation of Training Program for Air Force Personnel 1954 CCS	7-30-54	W. Attridge	C
2948	Logical Networks, lll- A Logical Network Algebra	7-30-54	R. Jeffrey	U
2949	CANCELLED			
2950	CANCELLED			
2951	Raid-Size Assesment Test of July 23, 1954	7-27-54	A. Favret	C
2952	Monitoring Junctions in the 1954 CCS	9-24-54	H. Peterson	C
2953	Program Specifications for Height Finding Section of 1954 CCS	8-2-54	C. Grandy	C
2954	Program Specifications for the Identification Function in the 1954 CCS	7-30-54	S. Hauser F. Garth	C
2955	Bi-Weekly Report, July 30,1954	7-30-54		C
2956	CANCELLED			
2957	Operational Specifications for the Weapons Direction Center of the 1954 CCS	9-24-54	C. Zraket	C

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2958	Program Specifications for the Identification Function in the 1954 CCS	8-9-54	D. Israel C. Zraket H. Benington	C
2959	Program Specifications for the Weapons Assignment (WA) and Intercept Direction (IND) Program Group: 1954 CCS	8-17-54	W. Lemnios et al	C
2960	Prime Power Requirements for AN/FSQ-7 Direction Centers	8-16-54	W. Ayer	C
2961	High-Speed Gate Employing a Magnetic Core and Transistors	8-3-54	S. Oken	U
2962	Proposal for Photographic Plots of Intercepts by the Computer	8-5-54	W. Lemnios	C
2963	Raid-Size Assessment Test of July 16, 1954	7-22-54	C. Grandy	C
2964	Raid-Size Assessment Test of July 29, 1954	8-2-54	C. Grandy	C
2965	Flighter Data Storage	8-2-54	L. Murray	C
2966	Telephone and Intercommunication Facilities for the 1954 CCS	12-17-54	O. Conant	C
2967	Instruction Manual for WWI Thyatron D-C Power Supplies	8-5-54	S. Coffin	U
2968	General Characteristics of Germanium and Silicon Diodes and Transistors	7-1-48	N. Jones	U
2969	Tentative Cathode Estimates for 256 ² X33 and 128 ² X33 Core Memories	8-6-54	W. Canty J. Mitchell	U
2970	Program Specifications for Anti-aircraft Section	8-6-54	J. Cahill	C
2971	CANCELLED			
2972	CANCELLED			
2973	CANCELLED			
2974	Leased Telephone Circuits for XD-1	8-6-54	R. Enticknap	C

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2975	Raid-Size Assessment Test of August 5, 1954	8-6-54	J. Cahill	C
2976	Proposed Changes in G-A Burst Period Specifications	8-10-54	I. Aronson	C
2977	1954 CCS Master Make-Up and Display Program Specifications	6-11-54	H. Benington et al	C
2978	Power Distribution System in the Direction Center Power House	8-10-54	G. Sandy	U
2979	The Raydist Tracking System for Use in Cape Cod Calibration and Tracking Accuracy Measurement	8-10-54	G. Sandy	C
2980	Schedule for the Cape Cod Indoctrination Program	8-13-54	C. Gaudette	C
2981	Bi-Weekly Report for August 13, 1954	8-13-54		C
2982	CANCELLED			
2983	Proposed Program of Activity for Slowed Down Video (SDV) Demodulators for XD-1	8-4-54	J. Bassett I. Aronson	U
2984	Subroutines Available for the Weapons Direction Section in the 1954 Cape Cod System (Supplement to M-2706 1954 CCS)	8-25-54	S. Knapp C. Gaudette	U
2985	Tracking Programs for the 1954 CCS	10-4-54	D. Bailey et al	C
2986	Lincoln Recommendation on Duplex Center Equipment for Combat Centers	8-19-54	L. Sutro	C
2987	Computer Test of Data Link	8-17-54	H. Anderson	U
2988	Test Equipment Committee Meeting of August 5, 1954	8-19-54	L. Sutro	U
2989	Gas Turbines for Direction Center Prime Power Supply	8-19-54	P. Morill	U
2990	Mail Service to Poughkeepsie, via IIM Plane	8-20-54	P. Gray	U

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2991	Vacuum Tube Failures During the Month of March, 1954	5-28-54	T. Clough A. Parisi	U
2992	Personnel Distribution in Combat Center Portion of SAGE System Combined Combat and Direction Centers	2-8-55	P. Gray	U
2993	Physical Characteristics of SAGE System Combat Center Equipment	12-17-54	F. Irish	C
2994	Building Requirements for SAGE Combat Centers	12-16-54	W. Ayer	C
2995	Cooling System for SAGE Combat Centers	12-23-54	W. Ayer	C
2996	Lighting Requirements for SAGE System Combats Centers	12-23-54	W. Ayer	C
2997	Guide for Preparing the Specifications for XD-1	8-24-54	N. Feldstein	U
2998	Triggering a Model C Flip-Flop from D.C. Level Changes	8-19-54	E. Anfenger	U
2999	Objectives and Program Proposal for System Evaluation Committee	8-12-54	B. Farley	U
3000	Preliminary Specifications for a Tactical Telephone System for AN/PSQ-7 (XD-1)	8-25-54	H. Kirshner	C
3001	Division 6 Personnel List	9-1-54		C
3002	Group 62 Section Leaders Meeting August 23, 1954	8-26-54	A. Kroemer	U
3003	Summary of Crosstell, Navy Early Warning and GOC Operations in the 1953 CCS	12-14-54	S. Hauser	C
3004	MTC Technician Training Manual Chapter	3-15-54	A. Vanderburgh	U
3005	Bondese Magnetic Wire for Memory-Plane Construction	8-27-54	E. Guditz A. Bowen	U
3006	Tape Preparation Procedure, Utility Programs, and Test Storage Contents for 1954 CCS	9-7-54	C. Gaudette S. Knapp	U

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3007	Bi-Weekly Report for August 27, 1954			C
3008	CANCELLED			
3009	Physical Characteristics of AN/FSQ-7 Direction Center Equipment Sup- porting Assumption	9-1-54	F. Irish	C
3010	Vacuum Tube Failures During the Month of April, 1954	10-6-54	T. Clough E. Welch	U
3011	Raid-Size Assessment Test of August 12, 1954	9-7-54	C. Grandy	C
3012	Allocation of Consoles to Operation- al Area of the AN/FSQ-7 Direction Centers	9-7-54	C. Grandy	C
3013	Meeting on Inputs and Outputs August 17, 1954	8-31-54	R. Jeffrey	C
3014	CANCELLED			
3015	CANCELLED			
3016	Need for Coverage Maskers for Fine- grain-data	9-10-54	J. Arnow	C
3017	Use of Coverage Mapper for Fine- grain-data in the FSQ-7	9-13-54	J. Arnow	C
3018	Proposal for Inc sion of Miscel- lanous Radar Input Coverage Mapper	9-14-54	H. Rising	C
3019	Z-2177 Meeting of July 21 and 22, 1954	9-3-54	S. Twicken	U
3020	Report on Results of Tests on Multiplier 7AK7'S	9-3-54	A. Zacharias	U
3021	Flight Test Documents for the 1954 CCS	9-2-54	C. Zraket R. Davis	U
3022	Programmed Rejection at Radar Data from Arbitrary Areas	9-8-54	P. Gray	C
3023	Authorized Division 6 Represen- tatives for the SAGE System Meeting	9-2-54	J. Forrester	U
3024	XD-1 Utility Programs	9-8-54	W. Lone	U

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3025	Use of Punched Cards for Computer Records	9-9-54	R. Cesari	U
3026	Test Equipment Committee Meeting of August 20, 1954	9-8-54	L. Sutro	U
3027	Equipment List AN/FSQ-8 for use in SAGE System Combat Center	11-30-54	P. Gray	S
3028	Raid-Size Assessment Test of August 27, 1954	9-10-54	A. Favert	C
3029	Transistor Flip-Flops for High-Speed Digital Computer Applications	9-9-54	D. Brown	U
3030	Geography Display Program Specifications for the 1954 CCS	9-14-54	S. Hauser	C
3031	Prime-Power Distribution System for AN/FSQ-7 Direction Center	9-14-54	J. Gano P. Merrill	U
3032	Typotron Tube Life Test, 4000 Hour Report	9-9-54	L. Martin	U
3033	Summary of MIT-IBM Collaboration on Design of AN/FSQ-7 (XD-1) Combat Information Central, July 1 through August 31, 1954	9-9-54	A. Kroemer	U
3034	Sub-Sector Command Post, Requirements	9-13-54	A. Kroemer	C
3035	An Investigation of Some Parameters which Influence the Magnetic Characteristics of Ferrites	9-20-54	P. Hlatzer	U
3036	Bi-Weekly Report for September 10, 1954	9-10-54	Division 6	C
3037	CANCELLED			
3038	List of Reports Received from IBM, July 1 through August 31, 1954	9-10-54	A. Kroemer	U
3039	Summary of Conference at Bell Telephone Laboratory and American Telephone and Telegraph Company, September 8 and September 9, 1954	9-14-54	H. Kirshner	U
3040	Camera Facilities for Photographing Computer Generated and Radar Mapper Display in the XD-1 System	9-15-54	H. Benington et al	C

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3041	Acoustic Criteria for Direction Center Building	9-15-54	W. Ayer	C
3042	Multi-Channel Tape Recorder	9-15-54	H. Kirshner	U
3043	Raid-Size Assessment Test of September 10, 1954	9-15-54	J. Cahill	C
3044	Comments on Burns & Roe Drawings for the Direction Center Building and Power House	9-22-54	W. Ayer	U
3045	Vacuum Tube Failures During the Month of May, 1954	9-20-54	T. Clough	U
3046	Vacuum Tube Failures During the Month of June, 1954	10-14-54	T. Clough	U
3047	CANCELLED			
3048	CANCELLED			
3049	CANCELLED			
3050	Final-Turn Test Data June 8 & 10, 1954	10-28-54	J. Nolan P. Cioffi	C
3051	AN/FSQ-7 (XD-1) Drawing File in the Systems Office	9-16-54	J. Giordano	U
3052	An Analysis of Automatic Initiation in the 1953 CCS	9-16-54	J. Levenson	C
3053	Storage and Display Conventions for Track Position and Velocities	9-16-54	H. Benington	C
3054	CANCELLED			
3055	Proposal for Types and Locations of Clocks in Building F	9-16-54	Systems Office	U
3056	Minutes of Group 61-Group 64 Meeting September 8, 1954	9-21-54	H. Benington	U
3057	The Building 10 Research Program	9-17-54	D. Brown	C
3058	The Consolidated Test Program---T-3432	9-20-54	D. Morrison	U
3059	Thoughts on Incremental Permeability	9-17-54	J. Goodenough	U

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3060	Simulation Results of the Guidance of the F-99 Interceptor by SAGE	9-20-54	B. Smulowicz	S
3061	Test Equipment Committee Meeting of September 3, 1954	9-20-54	L. Sutro	U
3062	Transmission of FGD System Map	9-20-54	A. Hughes H. Flatt	C
3063	Organization and Schedule of Program Checkout for 1954 CCS	9-21-54	H. Benington	C
3064	Group 62 Section Leaders Meeting of September 7, 1954	9-17-54	R. Mayer	C
3065	Proposed Program for Group 38 Light Pencil Development and Evaluation	9-21-54	J. Elkind et al	U
3066	Section Leaders Meeting, September 20, 1954	9-21-54	P. Gray	U
3067	Vacuum Tube Failures During the Month of July 1954	9-22-54	T. Clough	U
3068	Description of XD-1 Situation Display Console Features	9-23-54	J. Newitt	C
3069	Test Storage Contents for the 1954 CCS	9-23-54	C. Gaudette	U
3070	Raid-Size Assessment Test of September 16, 1954	9-20-54	J. Cahill	C
3071	Minutes of a Meeting Concerning MRI and FGD Specifications	9-23-54	H. Flatt	C
3072	Group 62 Section Leaders Meeting, September 24, 1954	9-27-54	A. Kroemer	U
3073	Program Specifications for the 1954 Cape Cod System Simulation Functions	1-5-55	C. Gaudette E. Bedrosian	C
3074	CANCELLED			
3075	Bi-Weekly Report for September 24, 1954			C
3076	Supplement to Bi-Weekly Report of September 24, 1954			S

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3077	Division 6 Personnel List	10-1-54		U
3078	Program and Storage Organization for 1954 CCS Tracking Program	10-1-54	D. Bailey et al	C
3079	Operating Instructions for Transistor Characteristic Plotter	9-22-54	E. Cohler	U
3080	Review of ADES Document "Sage System Basic Communication Facilities, for Direction Center FSQ-7 Table I	9-22-54	H. Kirshner	C
3081	Preliminary Plan for Test Program Organization	10-6-54	D. Israel	C
3082	Preliminary Outline of Section I of Test Program	10-6-54	D. Israel	C
3083	Algebraic Synthesis of Logical Feedback Nets	10-6-54	R. Jeffrey	U
3084	Group 61 Reorganization	3-25-55	C. Wieser	C
3085	Simulation of Self-Organizing Systems by Digital Computers	11-3-54	W. Clark B. Farley	U
3086	Request and Reply Messages for Height Finding	10-7-54	M. Feldstein	C
3087	Test Equipment Committee Meeting of September 24, 1954	10-7-54	L. Sutro	U
3088	Installation of Activate Buttons for XD-1 Consoles	10-7-54	R. Walquist	U
3089	Correlation Program 1953 CCS Track-While -Scan Program	10-8-54	D. Bailey	C
3090	Synchronized Clock System for Sage System Direction Centers	10-11-54	E. Smiley	U
3091	CANCELLED			
3092	Transmission and Utilization of Mapped-Area Boundaries in the Sage System	10-8-54	R. Walquist H. Benington	C
3093	Installation of Indicator Lights and Audible Alarm Panels for XD-1 Consoles	10-11-54	R. Walquist	U

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3094	Bi-Weekly Report for October 8, 1954			C
3095	CANCELLED			
3096	Group Organization List	10-1-54		U
3097	Description of Memory Test Setup VI	10-11-54	E. Guditz	U
3098	Group 62 Sections Leaders Meeting, October 8, 1954	10-13-54	A. Kroemer	U
3099	Information Required for Interceptor Vectoring and Attack Studies	10-14-54	D. Israel	C
3100	Reliable Components Meeting #27-- Teh Daven Company	10-18-54	B. Paine	U
3101	Equipment Required for Maintenance Area in the Production Building	10-14-54	C. Watt	U
3102	Equipment Requirements of the Mapper Supervisors Position for a Duplex Central	10-14-54	S. Ginsburg	C
3103	CANCELLED			
3104	Weapons Direction Simulation Programming Specifications 1954 CCS	3-17-54	C. Grandy E. McEvoy	C
3105	Proposal for 1954 CCS Recording Program		J. Levenson	U
3106	Preliminary Listing of Non-Automatically Recorded Data to be Supplied for Each Flight Test	10-21-54	D. Israel	U
3107	High-Speed Core Driver	10-21-54	S. Bradspies	U
3108	The Preparation of P7 Screens for Aluminization	10-21-54	J. Palermo	U
3109	Syllabus for the 1954 CCS Familiarization Program	10-26-54	L. Murray	C
3110	List of Possible Changes to the Production Machines	11-6-54	S. Dodd	C
3111	Minutes of Meeting October 22, 1954 on Outstanding MRI Problems	11-9-54	A. Hughes et al	C

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3112	1954 CCS Radio Communications Procedures	10-2-54	P. Cioffi	C
3113	Division 6 Personnel Lists	11-1-54		U
3114	Bi-Weekly Report for October 22, 1954			C
3115	CANCELLED			
3116	Mission Specification for Special Mapper Tracking and Height Test	10-25-54	R. Davis	U
3117	Conference on Budget and Procurement Information for Sage System	11-23-54	R. Davis	C
3118	Draft Proposal for Communication between AN/FSQ-7 and Land Based Talos Units	10-25-54	A. Favret	S
3119	Preparation and Interpretation of Initial Input Tape Required by 1954 CCS Weapons Direction and System Simulation Programs	10-27-54	A. Shoolman	C
3120	Group 61 Operations Plan(10-54) for Radar Orientation Tests	11-1-54	R. Davis	C
3121	Test Programs for Checkout of Equipment in Room 222 Barta Building	10-27-54	A. Chandler S. Manber	U
3122	Charactron-Typotron Tube Production Requirements	10-27-54	A. Kroemer	C
3123	Monthly Operations Schedule (MOS 11-54)	10-22-54	R. Davis	C
3124	Typical Weekly Sortie Requirement	10-28-54	R. Davis	C
3125	Group 62 Section Leaders Meeting October 25, 1954	10-28-54	A. Kroemer	U
3126	Test Equipment Committee Meeting of October 18, 1954	10-26-54	L. Sutro	U
3127	Specifications for Preliminary Study of Radar Data Input	10-28-54	J. Lovenson	C
3128	Mission Specifications for Tuesday November 2, 1954	10-29-54	R. Davis	C

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3129	Mission Specifications (24-54) for Thursday November 4, 1954	11-1-54	R. Davis	U
3130	Mission Specifications (25-54) for Friday November 5, 1954	10-29-54	R. Davis	U
3131	Mission Specifications (23-54) for Wednesday November 3, 1954	10-29-54	R. Davis	U
3132	Programmed Interrogation of Display Cycle	10-27-54	R. Mayer	U
3133	The XD-1 Warning Light Problems	11-4-54	R. Mayer	C
3134	Data Collection for Noise Studies	11-2-54	D. Israel	C
3135	Specifications of Processing Program for Noise Studies	11-5-54	D. Israel	C
3136	Documentation of 1954 CCS	11-3-54	P. Cioffi	U
3137	Proposed XD-1 Experimental Subsector	11-2-54	R. Walquist	S
3138	Mission Specification (26-54) for Tuesday November 9, 1954	11-3-54	R. Davis	C
3139	Mission Specifications (28-54) for Friday November 12, 1954	11-3-54	R. Davis	U
3140	Mission Specification (27-54) for Wednesday November 10, 1954	11-3-54	R. Davis	U
3141	Triggering Characteristics of Transistor Flip-Flops	12-1-54	E. Cohler	U
3142	Summary of MIT-IBM Engineering Collaboration for the Period September 1, through October 31, 1954	11-4-54	A. Kroemer	C
3143	Progress Report on Operational Diode Test	11-9-54	R. Biagiotti	U
3144	The Multi-Sequence Program Concept	11-5-54	W. Clark	U
3145	CANCELLED			
3146	Proposal for Specifications of the Mapping Materials and the Mapper Utility Holder	1-11-55	M. Feldstein	U

<u>No. 6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
3147	Master Reference List, Lincoln Laboratory Requirements for Direction Center Building	9-23-55	R. Shorey	U
3148	Mission Specifications (30-54) for Tuesday and Thursday, 16 and 18 November 1954	11-8-54	R. Davis	U
3149	Mission Specifications (31-54) for Wednesday and Friday 17 and 19 November 1954	11-8-54	R. Davis	U
3150	Data Collection Specification for Preliminary Studies to Determine the Effects of the Digitalization of Radar Noise Data	11-9-54	E. Wolf	C
3151	Bi-Weekly Report for November 5, 1954			C
3152	Supplement to Bi-Weekly Report of November 5, 1954			S
3153	Comments on Burns and Roe Drawings (W.O. 1435) for the Direction Center Building and Associated Power House	11-10-54	W. Ayer E. Smiley	U
3154	Reliable Components Meeting #28 Elco Corporation	11-9-54	H. Hodgdon	U
3155	Z-2177 Meeting of 25 and 26 October 1954	11-9-54	S. Twicken	U
3156	Informal Technical Meeting at EADF to discuss Radio Communications for XD-1	11-9-54	R. Walquist	S
3157	Test Equipment Committee Meeting of Meeting of November 8, 1954	11-8-54	L. Sutro	U
3158	List of Government-Owned Communications Equipment in Sage System Direction Centers	11-17-54	P. Gray	C
3159	Summary Equipment List for Sage System Direction Centers	5-7-55	E. Lundberg	U
3160	Miscellaneous Equipment for Sage System Direction Centers	11-12-54	P. Gray	U
3161	Change in Display Specifications	11-12-54	R. Gerhardt	U

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3162	Principles to be followed for Selecting Radars for Each Subsector Direction Center	11-15-54	W. Attridge	C
3163	Mission Specifications (34-54) for 24 and 26 November 1954	11-16-54	R. Davis	U
3164	Mission Specifications (33-54) for 22,23 and 24 November 1954	11-16-54	R. Davis	U
3165	Provision of Digital Data Transmitters and Digital Data Receivers for Sage System	11-17-54	A. Kroemer	U
3166	Summary Equipment List for Sage System Combined Combat and Direction Centers	11-30-54	P. Gray	U
3167	List of Government-Owned Communication Equipment in Sage System Combat Centers	11-30-54	P. Gray	C
3168	Miscellaneous Equipment for Sage System Combat Centers	11-30-54	P. Gray	U
3169	Comments on Microdot Cable Connections and Marking	11-18-54	H. Hodgdon	U
3170	Connectors for XD-1	11-18-54	B. Paine	U
3171	Report of Flight Size Assessment Test	11-18-54	A. Favret	C
3172	Prime Power Distribution Meeting with Burns and Roe, Incorporated	11-22-54	J. Gano	U
3173	Vacuum Tube Failures During the Month of September, 1954	11-18-54	T. Clough	U
3175	Bi-Weekly Report for November 19, 1954	11-19-54		C
3176	CANCELLED			
3177	Progress Made on the FGD Clutter Map Transmission Problem	11-22-54	A. Hughes	C
3178	Monthly Operations Schedule(MOS 12-54) for December 1954	11-18-54	C. Zraket	C
3179	CANCELLED			

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3180	Proposal for Increased Capacity of the Digital Display Sub-System	11-23-54	H. Seward	C
3181	Results of Tracking in the 1953 CCS	11-22-55	J. Levenson	C
3182	Proposal of Method to Specify time of Acquisition of Return to D. C.	11-24-54	J. May	C
3183	Rough Notes of Systems Planning Meeting on November 22, 1954	11-24-54	J. May	C
3184	Meeting on MRI Masher, November 22, 1954	11-24-54	R. Jeffrey	C
3185	A Theory of Perovskite-Type Manganites ($La_xM(II)MnO_3$)	11-30-54	J. Goodenough	U
3186	Minutes of Meeting of November 12, 1954 RE Correction of the -15v MESH in Xd-1	11-24-54	R. Everett	U
3187	Mission Specifications (36-54) for Raydist Orientation on 1 and 3 December 1954	11-24-54	R. Davis	U
3188	AN/FSQ-7 (Production Machine) Specifications Listing	11-24-54	Systems Office	C
3189	Summary of Lincoln Laboratory Technical Information Releases Pertaining to the Sage System Issued by the PCO	10-6-55	E. Lundberg	U
3190	FSD Clutter Map Decision	12-1-54	A. Hughes	C
3191	Conference on Digital Data Circuit Switching Problem	11-29-54	F. Irish F. Manning	C
3192	IBM Machines Leased Required for Operation with the AN/FSQ-7 and AN/FSQ-8	11-30-54	P. Gray	U
3193	Minutes of a Meeting Concerning Outstanding MRI Problems	11-29-54	A. Hughes	C
3194	Group 61 Operating Plan (20-54) for Direction Centers Demonstrations and General Purpose Missions	11-30-54	R. Davis	C
3195	Group 61 Mission Specifications(35-54) for Simulated and Live Training Tests for 30 November and 2 December 1954	11-30-54	R. Davis	C

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3196	Rough Note of System Planning Meeting on November 29, 1954	11-30-54	A. Werlin	U
3197	Proposed Radio and Ground-to-Air Data Link Communications for XD-1 Experimental Sage Subsector	12-1-54	R. Walquist	S
3198	Master Reference List, Lincoln Laboratory Requirements for Combined Direction Center- Combat Center Buildings	1-13-55	W. Ayer	U
3199	Group 61 Personnel			U
3200	Comments on Memorandum Dated 17 November 1954 from OIC AFIRO, NAR to: Chief ADES Project Office, Subject: Revise Design Criteria- Project SAGE	12-1-54	W. Ayer	U
3201	Group 61 Mission Specifications (37-54) for Live Test on 7 and 9 December 1954	12-2-54	R. Davis	U
3202	Mission Specifications (38-54) for Raydist Orientation on 8 and 10 December 1954	12-2-54	R. Davis	U
3203	Maintenance Programming Effort ar IBM	12-1-54	P. Bagley	U
3204	Combat Center Request Delay	12-3-54	R. Mayer	C
3205	A Manual System of Photographically Recording and Projecting Character Displays	12-3-54	L. Sanford C. Corderman F. Rodgers	U
3206	Review of the Space Problem of Building F	12-7-54	J. Giordano	U
3207	Bi-Weekly Report for December 3, 1954			C
3208	SR-1782A Meeting of 10 November 1954	12-6-54	S. Twicken	U
3209	DT-438 (Tung-Sol Improved 5998) Meeting of 5 November 1954	12-6-54	S. Twicken	U
3210	Group 61 Mission Specifications (39-54) for Live Training and Demonstration Test on 14 and 16 December 1954	12-7-54	R. Davis	U

No.6M	Title	Date	Author	Cls.
3211	Mission Specifications(40-54) Raydist Orientation on 15 and 17 December 1954	12-6-54	R. Davis	U
3212	CANCELLED			
3213	CANCELLED			
3214	Draft of a Proposal for the Integration of Antiaircraft Artillery with Semiautomatic Ground Environment for Air Defense	12-7-54		S
3215	Conference on Ferrimagnetism, 11 and 12 October 1954	12-8-54	P. Baltzer et al	U
3216	Vacuum Tube Failures During the Month of October, 1954	12-2-54	T. Clough	U
3217	Equipment Required to Increase the Capacity of the Digital Display Sub-System	12-8-54	R. Buzzard	C
3218	Operators Chairs for AN/FSQ-7 (XD-1)	12-8-54	J. Giordano	U
3219	Rough Notes of Systems Planning Meeting of December 16, 1954	12-8-54	N. Jones	C
3220	Training Course in XD-1 Programming	12-17-54	J. Yienger	U
3221	Conference on Digital Data Circuit Switching Problem II	12-10-54	F. Irish	C
3222	Mission Specifications(42-54) for Raydist Orientation on 23 December, 1954	12-13-54	R. Davis	U
3223	Rough Notes of 13 December 1954 Systems Planning Meeting	12-13-54	H. Ziegler	U
3224	Acoustic Criteria for Sage System Combat Centers	12-22-54	W. Ayer	C
3225	Sector Command Post Requirements	2-8-55	W. Ayer	C
3226	SDV and DDR Monitoring Test Unit	12-14-54	P. Messenheimer	U
3227	Trip to National Security Agency, Arlington, Virginia	12-15-54	B. Paine	U

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3228	Group 61 Mission Specifications (41-54) for Live Training and Demonstration Test on 21 and 22 December, 1954	12-17-54	R. Davis	U
3229	Test Equipment Committee Meeting of December 1, 1954	12-17-54	L. Sutro	U
3230	Nature and Preparation of Maintenance Programs: A Preliminary Report	12-28-54	P. Bagley	U
3231	The Diode Amplifier: A Preliminary Investigation	12-15-54	E. Cohler	U
3232	Study of Ground-to-Air Data Link Proposal for the Sage System	12-17-54	R. Everett	S
3233	Bi-Weekly Report for December 17, 1954			C
3234	CANCELLED			
3235	Experimental Operating Procedures for the Control of Interceptors in the 1954 CCS	12-20-54	P. Cioffi	C
3236	Monthly Operations Schedule (MOS-1-55)	12-20-54	R. Davis	C
3237	Mission Specifications (44-54) for Raydist Orientation on 29 and 31 December 1954	12-20-54	R. Davis	U
3238	Group 61 Mission Specifications (43-54) for Live Training Tests on 28 and 30 December 1954	12-20-54	R. Davis	U
3239	Vacuum Tube Failures During the Month of August, 1954	10-8-54	T. Clough	U
3240	Power Generation for the First Combined Direction and Combat Center and for the Fourth Direction Center	12-30-54	J. Gano	U
3241	Command Post DID Desk Requirements	12-22-54	S. Ginsburg	C
3242	Mission Specifications (2-55) for Raydist Orientation on 5 and 7 January 1955	12-23-54	A. Smalley	U

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3243	Programs for Punching Contents of Magnetic Drums on Paper Tape	12-23-54	A. Chandler	U
3244	SR-1782A Meeting of December 8, 1954		S. Twicken	U
3245	Minutes of a Meeting Concerning Production FSQ-7 for Subsectors 1 and 2	12-27-54	H. Platt	S
3246	Group (1 Mission Specifications (1-55) for a Live Training Test on January 1955	12-29-54	A. Smalley	U
3247	Maintenance Planning for Duplex Central	1-6-55	R. Gould	U
3248	Auxiliary-Drum Storage Requirements for AN/FSQ-7 (SAGE)	12-28-54	H. Seward	C
3249	Group 61 List of Operation Plans for Cancellation	12-29-54	R. Davis	C
3250	Report on Interviewing and Recruiting Activities During West Coast Trip, 12 December to 22 December, 1954	12-30-54	D. Israel	U
3251	IHM Retrofit Program for AN/FSQ-7	1-7-55	S. Dodd	U
3252	Paramagnetic Behavior of Ferrites Containing two kinds of Magnetic Ions	1-17-55	N. Menyuk	U
3253	Rough Notes on 27 December, 1954 Systems Planning Meeting	12-31-54	R. Jeffrey	C
3254	Meeting on Maintenance Programming Activity, - December 30, 1954	1-4-55	L. Jeffrey	U
3255	Vacuum Tube Failures During the Month of November, 1954	2-9-55	T. Clough	U
3256	Rough Notes of Systems Planning Meeting, January 3, 1955	1-3-55	T. Parkins	C
3257	Bi-Weekly Report for December 31, 1954			C
3258	Ground-to-Air Communications Facilities in the 1954 CCS	1-4-55	P. Cioffi	C

No.6M	Title	Date	Author	Cls.
3259	Mission Specifications (4-55) for Raydist Orientation on 12 and 14, January 1955	1-5-55	A. Smalley	U
3260	Group 61 Mission Specifications (3-55) for Raydist Orientation on 11 and 13 January, 1955	1-5-55	A. Smalley	U
3261	Formation and Plans of the Logical Services Committee	1-3-55	R.Mayer et al	C
3262	Program Specifications for Data Generation Program	12-8-54	J. Levenson	C
3263	Report on Trip to Rand Corporation and Hughes Aircraft 13 to 16 December 1954	1-4-55	D. Israel	C
M 3264	Division 6 Personnel			U
3265	Recommended Radar Coverage of Sage Subsector I and II	1-5-55	A. Shoolman	S
3266	Ground-to-Ground Outputs from the Sage System	3-28-55	A. Favret	C
3267	Quantities of Input and Output Equipment for First and Second AN/FSQ-7's	1-6-55	H. Platt B. Morriss	S
3268	Crosstell Input Element Specifications	1-6-55	R. Jeffrey et al	C
3269	Test Equipment Committee December 22, 1954	1-6-55	L. Sutro	U
M 3270	Summary of MIT-IBM Collaboration November 1, December 31, 1954	1-7-55	A. Kroemer	C
M 3271	XD-1 Test Specifications	1-10-55	J. O'Brien	U
3272	Test Equipment Committee Meeting of January 7, 1955	1-10-55	L. Sutro	U
3273	Auxiliary Memory Study Group	1-10-55	W. Clark et al	U
3274	Program Changes in the Automatic Initiation	1-7-55	J. Levenson	C
3275	Leased Telephone Circuits for AN/FSQ-7 and XD-1	3-15-55	H. Kirshner	C

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3276	Long-Range Radar Input Specifications for AN/FSQ-7	1-14-55	IRI Specs. Committee	C
3277	Test Specifications Tracking Accuracy Test, Non-Maneuvering Courses	3-10-55	W. Lemnios	C
3278	Mission Specifications(6-55) for Raydist Orientation on 21 January, 1955	1-12-55	A. Smalley	U
3279	Group 61 Mission Specifications (5-55) for Live Demonstrations on 18, 19 and 20, 1955	1-10-55	A. Smaley	U
3280	General Considerations of the Radar Data Input Problem with Application on 21 January, 1955	1-11-55	E. Woolf	C
3281	Fine Grain Data System	1-13-55	A. Hughes H. Platt	C
3282	Vacuum Tube Types used in AN/FSQ-7	1-12-55	A. Kromer	U
3283	Vacuum Tube Failures During the Month of December, 1954	2-10-55	T. Clough	U
3284	Display Line Driver	10-10-55	H. Zieman	U
3285	CANCELLED			
3286	Input Channel Switching Specifications for AN/FSQ-7	1-14-55	F. Irish C. Walston	U
B 3287	Bi-Weekly Report for January 14, 1955			C
3288	Synchronized Clock System for Sage System Combat Centers	2-1-55	P. Gray	U
3289	Time Allocation	1-18-55	J. O'Brien	U
3290	CANCELLED			
M 3291	Specifications for the Central Computer System for the AN/FSQ-7	1-28-55	R. Shorey J. Carson	U
3292	Specifications for the Drum System for the AN/FSQ-7	1-28-55	R. Mayer P. Bagley	U
3293	Specifications for the Display System for AN/FSQ-7	2-1-55	J. Newitt R. Buzzard	U

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3294		CANCELLED			
3295		CANCELLED			
3296		Specifications for Automatic Camera and Control AN/FSQ-7	2-3-55	L. Sutro	C
3297		Specifications for the Power Conversion and Distribution System	1-28-55	G. Sandy J. Gano	U
3298		Specifications for the Manual Input System for the AN/FSQ-7	1-28-55	H. Rising	U
3299		Specifications for the Output System for the AN/FSQ-7	1-28-55	M. Feldstein H. Rising	C
3300		Specifications for the Maintenance Equipment of AN/FSQ-7	1-27-55	R. Gould	U
3301		Specifications for the Automatic Input Elements of AN/FSQ-7	1-31-55	H. Anderson et al	C
M	3302	Sage System Meeting, January 17, 1954	1-20-55	J. Proctor	U
	3303	Initiation Studies and Tests	1-14-55	D. Israel	C
	3304	Announcement of Auxiliary Memory Meeting	1-19-55	W. Clark et al	U
	3305	Proposed Changes for XD-1 Drum System	12-20-54	A. Heineck H. Boyd	U
	3306	Proposed for XD-1 Utility Programs	1-18-55	C. Gaudette	U
M	3307	Air Force Joint Coordination Meeting at IBM on January 14, 1955	1-19-55	C. Watt	U
	3308	Installation Schedule for XD-1 Auxiliary and Situation Display Consoles	1-19-55	R. Walquist	U
	3309	Specifications for the Warning Light System, AN/FSQ-7	1-27-55	R. Gould	U
	3310	Ordering Procedure for XD-1 Telephone Service	1-19-55	H. Krishner	U
	3311	An Investigation of CRT Cathodes (MS Thesis Proposal)	1-18-55	A. Zacharias	U

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M 3312	Lincoln Proposed Schedule Modifications Covering 8 Month Period for Installation and Test of First Direction Center	1-19-55	K. McVicar	C
3313	Mission Specifications(8-55) for Raydist Orientation on 26 and 28 January, 1955	1-19-55	A. Smalley	U
3314	Group 61 Mission Specifications (7-55) for Live Training Tests on 25, January, 1955	1-20-55	A. Smalley	U
3315	Minutes of Data Service Committee Meeting, 14, January, 1955	1-20-55	F. Irish	C
M 3316	Transistor Circuits for Driving Coincident Current Memories	1-21-55	K. Olsen	U
M 3317	Evaluation Tests on the XD-1 Central Computer	1-21-55	W. Canty et al	U
3318	Proposed Changes for XD-1 Drum System - Park II	1-21-55	H. Boyd A. Heineck	U
3319	Maintenance Testing of Duplex Pluggable Units	1-19-55	H. Ziegler	U
3320	Equipment Allocation and Layout XD-1 Auxiliary Consoles and Wing Units	1-21-55	H. Benington C. Grandy J. Ishihara	C
3321	Monthly Operations Schedule(MOS-2-55) for February, 1955	1-2-55	R. Davis	C
3322	Forward and Reverse Recovery in Transition Type T-6 Gold Bonded Germanium Diodes	2-28-55	G. Davidson	U
3323	Results of Auxiliary Memory Meeting of 21, January 1955	1-24-55	W. Clark et al	U
3324	Save System Meeting of January 10, 1955	1-10-55	D. Brown	C
3325	Group 61 Mission Specifications (9-55) for Simulated Training Mission on 27, January 1955	1-26-55	A. Smalley	U
M 3326	Central Computer Evaluation, February 14 to 28, 1955	2-25-55	J. Crane et al	U

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3327	Proposal for Documentation of Test Program Activity	1-13-55	D. Israel	C
3328	Proposed Specifications for Auxiliary Memory Expansion of the AN/FSQ-7	1-28-55	B. Housman R. Mayer	U
3329	CANCELLED			
3330	Auxiliary Consoles and Wing Unit Equipment Allocation and Layout for AN/FSQ-7 Direction Center	3-1-55	A. Werlin	C
3331	CANCELLED			
M 3332	Central Computer Evaluation, No.2, March 7 to 18, 1955	1-27-55	S. Thompson	U
3333	Proposal for the Modification of the XD-1 Long-Range Input (LRI)	1-27-55	A. Werlin	U
3334	Proposal for the Modification of the Long-Range Input Equipment	1-28-55	A. Werlin	C
3335	Sage Experimental Subsector Planning	1-16-55	J. Jacobs	U
M 3336	Sage System Meeting, January 24, 1955	1-27-55	D. Brown	C
3337	Proposal for Installation of the Collins Data Link within the XD-1 System	1-28-55	S. Ginsberg	C
3338	CANCELLED			
3339	Group 61 Mission Specifications (10-55) for Live Training Test on 1 and 3, February, 1955	1-31-55	A. Smalley	U
3340	Mission Specifications(11-55) for Raydist Orientation on 2 and 4, February, 1955	1-28-55	A. Smalley	U
3341	CANCELLED			
3342	CANCELLED			
M 3343	Division C Personnel	2-1-55		U
3344	Power Generation Equipment and Electrical Distribution System for Sage System Combat and Direction Centers	1-31-55	Jackson and Moreland	C

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B	3345	Division 6 Bi-Weekly Report	1-31-55		C
M	3346	Sage System Meeting, January 31, 1955	1-31-55	P. Bragar	U
	3347	CANCELLED			
	3348	Systems Office Training Program	2-1-55	R. Mayer	U
	3349	Summary of the AN/FSO-7 Auxiliary Memory Study, Part A	11-28-55	W. Clark et al	U
	3350	Summary of the AN/FSO-7 Auxiliary Memory Study, Part B	12-11-55	W. Clark et al	C
M	3351	Time Schedule for XD-1 Machine Specifications and Evaluation Reports	2-7-55	W. Canty	U
	3352	Vacuum Tube Failures During the Month of January, 1955	2-2-55	T. Clough	U
	3353	Manual Inputs Requirements for Subsector I	2-1-55	W. Attridge	C
	3354	Group 61 Mission Specifications (12-55) for an Accuracy Training Test on Tuesday, February 8 and a Saturation Test on Thursday, February 10, 1955	2-7-55	A. Smalley	U
	3355	Group 61 Mission Specifications (11-55) for Data Analysis Test on Wednesday, February 9, 1955	2-4-55	A. Smalley	U
	3356	Mission Specifications (13-55) for Raydist Orientation 11 February, 1955	2-7-55	A. Smalley	U
	3357	Component Test: Pulse Transformers, Hermetically Sealed, Ferrite Core	2-7-55	V. Tessari	U
	3358	Procedure in Case of Failure of Commercial Power	2-7-55	E. Pughe	U
	3359	Proposal for Two New Instructions for Whirlwind I	2-7-55	J. Ackley	U
M	3360	Sage System Meeting, February 7, 1955	2-7-55	P. Bragar	U

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M	3361	Rough Notes on Systems Planning Meeting on 7 February, 1955 at 0930E	2-7-55	J. Mazza	U
	3362	Group 61 Mission Specifications (15-55) for Live Demonstrations on 15, 16, 17 February 1955	2-10-55	A. Smalley	U
	3363	Mission Specifications (16-66) for Raydist Orientation on 18, February, 1955	2-10-55	A. Smalley	U
	3364	MTC Technician Training Manual Chapter II	2-8-55	A. Vanderburgh	U
	3365	SR-1782A/3002420 Meeting of 12, January, 1955	2-1-55	S. Twicken	U
	3366	Planned Activities of System Office Committee on Maintenance Programming	2-10-55	P. Bagley et al	U
	3367	The MTC Drum as a Temporary Signal Source for the XD-1 Display System	3-3-55	R. Gerhardt	U
	3368	Redesign of the Drum Read Driver	2-9-55	H. Boyd	U
	3369	Mission Specifications (17-55) for Raydist Orientation on 23 and 25, February, 1955	2-21-55	A. Smalley	U
	3370	Report of Committee on Sage System Manual Inputs and Miscellaneous Outputs	2-10-55	P. Gray	C
M	3371	Division 6 Production Coordination Office	2-10-55	A. Kroemer	U
	3372	Radar Data Link Orientation in the Sage System	2-11-55	C. Wieser H. Boehmer	C
	3373	Visit to General Mills, Incorporated, Minneapolis, Minnesota	2-15-55	C. Watt	U
	3374	Proposal for Planning Approval Committee Programs	2-14-55	J. Jacobs	U
B	3375	Bi-Weekly Report for 11, February 1955			C
M	3376	Sage System Meeting February 11, 1955	2-11-55	P. Bragar	U

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3377	Notes on Systems Planning Meeting, 14, February, 1955 at 0930E	2-15-55	J. Mazza	U
3378	Power Generation and Distribution for the Sage System Direction Centers Fifth and Subsequent Site	5-5-55	J. Gano	C
3379	Syllabus for the 1954 CCS Familiarization Program 23. February to March 8, 1955	2-16-55	L. Murray	C
3380	Photo Multiplier and CRT Conference January 27, 1955 at Dumont		T. Clough	U
3381	K-1303 Photo Multiplier and K1230 CRT Meeting of January 18, 1955	2-2-55	T. Clough	U
3382	Justification of the Long-Range Radar Input Specifications for AN/FSQ-7	3-18-55	A. Hughes	C
3383	Group 62 Staff and Secretaries	2-16-55	N. Taylor	U
3384	Mission Specification (16-66) for Raydist Orientation on 2 and 4, March, 1955	2-17-55	A. Smalley	U
3385	CANCELLED			
3386	Long-Range Radar Input Specifications for the Initial AN/FSQ-7 Machines	2-18-55	Automatic Inputs Comm.	C
3387	Z-2177 Meeting of 10, January, 1955	2-18-55	S. Twicken	U
3388	Preliminary Study of AN/FSQ-8	2-18-55	P. Bagley	C
3389	Description and Estimated Storage Requirement of the AN/FSQ-7 Standby Computer Program	3-25-55	P. Bagley	C
M 3390	Memory Plane Margins: DCL-2-270 Cores vs. S-1 Cores	2-21-55	J. Mitchell	U
3391	Justification for Increase in Auxiliary Memory and the Method of Increasing it	5-9-55	J. Jacobs	U
M 3392	Sage System Meeting February 21, 1955	2-21-55	P. Bragar	U
3393	Rules for Programming for the Room 156 Consolidated Test Control Program	2-25-55	J. Ackley	U

No.	CM	Title	Date	Author	Cls.
3394		Description of LSR 3613m5 and T-3693	3-1-55	J. Ackley	U
3395		Visit to Raytheon - Project Hawk	2-23-55	A. Favret	S
3396		Number of Active Data Circuits from Long-Range Radar Site(AN/FSQ-7)	3-23-55	J. May	C
3397		Operating Procedures for the Card Preparation Equipment and the XD-1 Computer	3-3-55	C. Gaudette et al	U
3398		Group 61 Mission Specifications (19-55) for an Accuracy Training Test on Tuesday, March 1, 1955	2-24-55	A. Smalley	U
3399		Nomenclature for Consoles Labels	2-25-55	C. Grandy	C
M	3400	Division 6 DR Report	4-13-55	D. Helwig	C
M	3401	Division 6 Personnel List			U
	3402	Digital Data Transmitter	3-3-55	E. Glover	U
	3403	Digital Data Receiver and Gap Filler Input Receiver	4-1-55	E. Glover	U
M	3404	IBM Engineering Systems Office Concurrence Meeting #16	2-28-55	S. Dodd	U
D	3405	Bi-Weekly Report	2-25-55		C
	3406	Notes on Systems Planning Meeting 28, February, 1955, 0930E	2-28-55	J. Mazza	U
M	3407	Sage System Meeting February 28, 1955	2-28-55	P. Bragar	U
	3408	Program Specifications for 1954 CCS Recording Function	3-1-55	F. Frachtman	C
	3409	Omission of Mechanical Clock form XD-1	3-1-55	R. Mayer	U
	3410	Analysis of Recent Performance Records for the Whirlwind Computer System	3-1-55	E. Rich	U
	3411	Output System Specifications for AN/FSQ-7	3-1-55	H. Rising	C
	3412	Test Equipment Committee Meeting of 25, January, 1955	3-2-55	L. Sutro	U

No.6M	Title	Date	Author	Cls.
3413	Group 61 Mission Specifications (22-55) for an Accuracy Training Test on Tuesday, 8, March, 1955	3-2-55	A. Smalley	U
3414	Mission Specifications (23-55) for Raydist Orientation on 9 and 11, March, 1955	3-2-55	A. Smalley	U
3415	Proposed Change to be Made to AN/FSQ-7(XD-1) Equipment	4-15-55	H. Platt	C
3416	Draft in J.W. F. Office			
M 3417	A Transistorized Amplifier-Discriminator for Core Memory Output Sensing	3-7-55	W. Sarles Jr.	U
3418	Report on Visit of Rand Corporation to Discuss System Training	2-28-55	D. Israel	C
3419	Procedures and Program Specifications to Compare 1954 CCS Track Data with Raydist Measurements	3-17-55	W. Lemnios	C
3420	CSTI Conversion and Post Mortems	3-4-55	W. Vecchia	U
3421	Changes to XD-1 Display System from Present Design Status	3-7-55	H. Platt	C
3422	Status of SDV Collection for Noise Studies	3-7-55	S. Manber	C
3423	Proposal for Transferring Responsibility for Maintenance of Phone Line Receiver and Transmitters from Group 62 to Group 22	3-7-55	I. Aronson	U
3424	Review of ADES Document "SAGE" System Communications-Internal Voice System, Part I. Direction Center	3-7-55	H. Kirsner	C
3425	CANCELLED			
M 3426	Notes on Systems Planning Meeting of March 7, 1955 at 0930E	3-7-55	J. Mazza	U
M 3427	Sage System Meeting, March 7, 1955	3-7-55	P. Bragar	U
3428	Group 61 Mission Specifications (25-55) for an Accuracy Training Test on Tuesday, 15, March, 1955	3-10-55	A. Smalley	U

No.6M	Title	Date	Author	Cls.
3429	Mission Specifications (26-55) for Raydist Orientation on 16, March, 1955	3-10-55	A. Smalley	U
3430	Group 61 Mission Specifications (27-55) for a Saturation Test on Thursday, 17, March, 1955	3-10-55	A. Smalley	U
3431	Group 61 Mission Specifications (28-55) for Program Analysis Test on Friday, 18, March, 1955	3-10-55	A. Smalley	U
M 3432	Group Organization List	3-10-55		U
M 3433	Minutes of Concurrence No. 18	4-5-55	N. Jones	U
M 3434	Minutes of IBM-Lincoln Concurrence Meeting No. 17	3-8-55	B. Morriss	U
3435	Proposal for the Use of Illegal XD-1 Instructions by Group 61	3-9-55	C. Gaudette	U
3436	Comparison of Dial and Manual Intercom Systems for AN/FSQ-7 Systems	3-9-55	H. Kirshner	U
3437	Data Link Recommendation for Experimental Subsector	7-3-55	Systems Office	C
3438	Acceptance of the South Truro Fine Grain Data Message by the CCS	3-9-55	A. Werlin	C
3439	Proposed Specifications for Large Board Display (XD-1)	3-9-55	R. Buzzard	C
3440	D.D. Slot Assignment for Sage and XD-1	3-10-55	A. Favret	C
3441	Reliability of Duplexed Equipment	5-23-55	R. Jeffrey	C
3442	Maintenance Coordination in the 1954 Cape Cod System	3-11-55	E. Rich	U
3443	Results of the XD-1 Central Computer Evaluation - March 1955	3-11-55	S. Thompson	U
3444	Some Proposals and Recent Changes in the CD-1 Drum System- Part III	3-14-55	A. Heineck H. Poyd	U
3445	Proposal for the Use of Memory Test Computer as an Equipment Testing Facility	3-14-55	P. Bagley J. May	U

No.6M	Title	Date	Author	Cls.
3446	CANCELLED			
3447	Internal Procedure for Processing Changes to AN/FSQ-7 Equipment Specifications	5-8-55	H. Anderson E. Lundberg	U
3448	Some Post-Test Data Reduction Program for the 1954 CCS	3-14-55	J. Levenson	C
3449	Current XD-1, FSQ-7 and FSQ-8 Brief Index Listings	5-9-55	J. Giordano	U
3450	Demonstration Program T-3782	3-14-55	J. Ackley	U
3451	Hints for Whirlwind L Maintenance Programmers	3-15-55	J. Ackley	U
3452	Description of LSR Series 3613	3-16-55	J. Ackley	U
3453	Mission Specifications (30-55) for Raydist Orientation on Wednesday, 23, March, 1955	3-14-55	A. Smalley	U
M 3454	Sage System Meeting, March 14, 1955	3-14-55	P. Bragar	U
3456	Group 61 Mission Specifications (31-55) for a Saturation Test on Thursday, 24, March, 1955	3-15-55	A. Smalley	U
B 3457	Bi-Weekly Report	3-11-55		C
3458	Group 61 Mission Specifications (32-55) for Program and Data Studies on Friday, 25, March, 1955	3-17-55	A. Smalley	U
3459	Minutes of Sage Experimental Sub-sector Planning Approval Committee Meeting of 14, March, 1955	3-16-55	H. Anderson	C
3460	Discussion with BTL on Errors in Digital Data Messages	3-16-55	M. Feldstein	U
3461	Procedure for Reporting 1954 CCS Live Test Operations	3-16-55	P. Cioffi	C
M 3462	Notes on Systems Planning Meeting 14, March, 1955-- 0930E	3-16-55	J. Mazza	C
3463	Results of Phase I Tests (H-165) on XD-1 Drums	3-18-55	H. Boyd et al	U

No.6M	Title	Date	Author	Cls.
3464	Supplement to and Some Corrections of Material in M-2883 and M-2884	3-18-54	H. Boyd	U
3465	Test Equipment Committee Meeting February 25, 1955	3-18-55	L. Sutro	U
3466	Sage System Teletype Requirement	3-18-55	H. Kirshner	C
3467	Group 61 Mission Specifications (33-55) for an Accuracy Training Test on Tuesday, 29, March, 1955	3-22-55	A. Smalley	U
3468	Mission Specifications (34-55) for Raydist Orientation on Wednesday, 30, March, 1955	3-22-55	A. Smalley	U
3469	Group 61 Mission Specifications (35-55) for a Saturation Test on Thursday, 31, March, 1955	3-22-55	A. Smalley	U
3470	Group 61 Mission Specifications (36-55) for Program and Data Studies on Friday 1, April, 1955	3-22-55	A. Smalley	U
M 3471	Sage System Meeting, March 21, 1955	3-22-55	P. Bragar	U
M 3472	Discussion of Lincoln Concurrence on Engineering-Installation Phasing Committee, SR#6	3-22-55	E. Lundberg	U
3473	Vacuum Tube Failures During the Month of February, 1955	3-16-55	T. Clough	U
3474	Sage System Data Conversion and Transformation	6-21-55	E. Wolf	C
3475	Instructions for use of Group 61 Operational Forecast Form	3-23-55	Group 61	U
3476	Sage Test Committee, Sate Test Office	3-18-55	D. Israel et al	U
3477	Reference List of M-Notes Concerning the Test Evaluation of the 1953 and 1954 CCS	3-23-55	W. Lemnics	C
M 3478	Results of the XD-1 Central Computer Evaluation - March 18, 1955	3-28-55	S. Thompson J. Crane	U
3479	CANCELLED			
3480	SR-1782A/3002420 of March 17, 1955	3-24-55	S. Twicken	U

No.(M)	Title	Date	Author	Cls.
3481	Test Specification: Initial Mapping Tests	3-28-55	E. Wolf W. Harris	C
B 3482	Division 6 Bi-Weekly Report	3-25-55		C
M 3483	Division 6 Personnel List			U
3484	Pulse Amplifiers (Models A,B, and C	3-28-55	B. Barrett	U
M 3485	Same System Meeting, March 28, 1955	3-28-55	E. Lundberg	U
3486	FSQ-8 Auxiliary Storage Requests	3-29-55	W. Lone	C
3487	Background and Justifications for Increase in Auxiliary Memory in FSQ-8	3-31-55	W. Lone	S
3488	FSQ-8 Cross-Telling Requirements	3-29-55	W. Lone F. Heart	C
3489	FSQ-8 Display Slot Capacity	3-29-55	W. Lone F. Heart	C
3490	Group 61 Mission Specifications (38-55) for an Accuracy Training Test on Wednesday, 6, April, 1955	4-1-55	A. Smalley	U
3491	Mission Specifications (37-55) for Raydist Orientation on Wednesday and Friday, April 6 and 8, 1955	4-1-55	A. Smalley	U
3492	CANCELLED			
3493	CANCELLED			
3494	XD-1 Card Forms and Card Preparation Procedures	4-15-55	J. Yienger et al	U
M 3495	Trip to NSA Washington, D.C.	3-30-55	D. Eckl	U
3496	Estimates of 026 Card Punch Requirements and Manual Inputs Message for Sage	3-30-55	F. Garth	C
3497	MTC Subroutine Library	6-22-55	H. Neuman	U
3498				
3499	Study of FSQ-7 Cycle-Time	5-4-55	L Jeffrey	C
M 3500	Same System Meeting, April 4, 1955	4-4-55	E. Lundberg	C

No.6M	Title	Date	Author	Clb.
3501	Annunciator System for Monitoring of Air Flow in Sage Direction Centers and Corbat Centers	5-11-55	E. Smiley	U
3502	ARCRC-Collins Ground-Air-Data-Link Program	4-5-55	L. Murray	C
3503	CANCELLED			
3504	CANCELLED			
M 3505	Experiments on a Three-Core Cell for High Speed Memories		S. Bradspies J. Raffel	U
3506	Verification Equipment in Sage	4-6-55	S. Hauser	C
3507	The Room-156 Consolidated Test Program T-3800 for WWI	4-15-55	D. Morrison J. Ackley	U
3508	CANCELLED			
3509	MTC Technician Training Manual Chapter III	4-20-55	A. Vanderburgh	U
3510	Component Failures from January 1, 1955 to March 31, 1955	4-8-55	R. Biagiotti	U
3511	Test Equipment Committee Meeting, 18, March, 1955	4-8-55	L. Sutro	U
3512	Maintenance Coordination within the XD-1 Subsector	4-8-55	R. H. Gould J.O'Brien	U
M 3513	Minutes of IBM-MIT Concurrence Meeting #23, 7,8, April, 1955	4-11-55	G. Giordano R. Mayer	U
3514	Proposed Objectives and Method Operation of the Coordination	4-15-55	J. Jacobs	U
M 3516	Minutes of Sage Experimental Subsector Planning Approval Committee Meeting of April 4, 1955	4-11-55	H. Anderson	C
M 3517	Sage System Meeting, 11, April, 1955	4-11-55	E. Lundberg	U
B 3518	Bi-Weekly Report for April 8, 1955	4-8-55		C
3519	Test Program Procedures and Memos	4-11-55	D. Israel	U
3520	Program Specifications for the Start Over Program of the 1954 CGS	4-12-55	E. McEvoy	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
3521	CANCELLED			
3522	Investigation of Factors Affecting Life of Charactron Tube(MsTP)	2-1-55	P. Tandy	U
3523	Analysis and Simulation Section Time Requirements for MTC	4-13-55	W. Wells	C
3524	FSQ-8 Display Slot Capacity Meeting April 11, 1955	4-14-55	J. Jacobs	C
3525	Army Plan for Employment of AA in Sage	4-14-55	A. Favret	C
M 3526	X-Y Tests on Memory Plane Units	4-11-55	J. Schallerer	U
3527	Meeting withing Continental Connector Company to Discuss Nike Connector Modification	4-14-55	C. Morrione H. Hodgdon	U
3528	Trip to Cinch Manufacturing Corporation, Chicago, Illinois	4-13-55	C. Morrione	U
3529	Test Equipment Committee Meeting, 1, April, 1955	4-14-55	L. Sutro	U
M 3530	Improved Memory Cores Produced in Lincoln Laboratory	4-13-55	F. Vinal	U
3531	Paydist Calibration of Radars	4-14-55	A. Mathiasen	C
3532	Cape Cod System Mission Specifications (41-55) for Radar Mapping Test on Monday, 18, April, 1955	4-14-55	A. Smalley	U
3533	Cape Cod Mission Specification (42-55) for Three Flip-Scan Range Tests to be Conducted on Wednesday, Thursday, and Friday, 20, 21 and 22, April, 1955	4-14-55	L. Grush	U
3534	Cape Cod Mission Specification(48-55) for Six Power Level Tests to be Conducted on Wednesday, Thursday, and Friday, 20, 21 and 22, April, 1955	4-14-55	L. Grush	U
M 3535	IHM-SO Concurrence Meeting No.24 Held at Lincoln Laboratory, 15, April, 1955	4-15-55	J. Giordano	U
3536	CANCELLED			

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3537	Survey of the Facilities of the IBM Card Preparation Room, C-168	4-18-55	M. Feldstein	U
4 3538	Sage System Meeting, 18, April, 1955	4-18-55	E. Lundberg	U
3539	1954 CCS Data Storage Tables	6-13-55	S. Manber	C
3540	Test Storage, Proposed Change in WWI	4-20-55	S. Manber	U
3541	Cape Cod Mission Specifications (50-55) for Three Blip-Scan (C) Range Test to be Conducted on Tuesday, Wednesday, Thursday and Friday, 26, 27, 28 and 29, April, 1955	5-20-55	L. Grush	U
3542	Cape Cod Mission Specifications (51-55) for Eight Power Level (PL) Test to be Conducted on Tuesday, Wednesday, Thursday and Friday, 26, 27, 28 and 29, April, 1955	4-20-55	L. Grush	U
3543	Studies of Typotron-Tube Performance Under Simulated Operational Conditions	1-13-55	L. Martin	U
3544	Minutes of Sage Experimental Subsector Planning Approval Committee Meeting of April 11, 1955	4-21-55	H. Anderson	C
3545	Minutes of Sage Experimental Subsector Planning Approval Committee Meeting of April 18, 1955	4-21-55	H. Anderson	C
3546	Internal Publications on the AN/FSQ-7 (XD-1) Display System	4-21-55	R. Gerhardt	C
3547	Plan for Abbreviated XD-1 Training Course for Experienced Programmers	4-21-55	P. Bagley	U
3548	Proposal for the Establishment of a Sage Programming Information Service	4-22-55	P. Bagley	U
3549	Proposal Utilization of AN/FSQ-7 Off-Centering and Expansion Facilities for Sage Subsector 1-11	5-9-55	W. Harris	C
3550	CANCELLED			

No.6M	Title	Date	Author	Cls.
3551	CANCELLED			
B 3552	Bi-Weekly Report for April 22, 1955	4-22-55	Division 6 Staff	C
3553	Cape Cod System Weekly Operations Schedule	4-25-55	TCSS, Group 61	U
3554	Cape Cod System Mission Specification (55-55) for a Holmes Mission to be Conducted April 26, 1955	4-26-55	A. Smalley	U
3555	CANCELLED			
3556	Cape Cod System Weekly Operations Schedule	5-27-55	TCSS, Group 61	U
3557	CANCELLED			
3558	Comments on Facilities for Setting Situation-Display Console Expansion Areas	5-4-55	A. Shoolman	U
3559	Cape Cod Mission Specifications (54-55) for Eight Power Level (PL) Test to be Conducted Tuesday, Wednesday, Thursday and Friday, 3, 4, 5 and 6 May, 1955	4-27-55	L. Grush	U
3560	CANCELLED			
3561	Cape Cod System Mission Specifications for Series of FGD Missions to be Conducted 28 April through May 6, 1955	4-27-55	A. Smalley	U
3562	Test Equipment Committee Meeting, 22, April, 1955	4-28-55	L. Sutro	U
3563	CANCELLED			
3564	Syllabus for the Sage System Familiarization Program 9, May, 1955	4-29-55	A. Hill	C
3565	Sage Requirements on Radar Data Inputs	4-29-55	W. Wells	C
3566	A Guide to Systems Operation	5-2-55	A. Heineck	C
3567	Study of Proposal to Modify and use our Half the FSQ-8 Equipment at Syracuse for Program Adaption, Program Revision and STP Checkout	5-2-55	J. Jacobs	C

No.6M	Title	Date	Author	File
3568	CANCELLED			
3569	Minutes of Sage Experimental Subsector Planning Approval Committee Meeting 25, April, 1955	5-3-55	H. Anderson	C
3570	Air Force Personnel Required for the Experimental Subsector	5-3-55	H. Anderson	C
M 3571	Sage System Meeting, 2, May, 1955	5-2-55	E. Lundberg	U
3572	Sine Table for Fine-Grain-Azimuth Positions	8-12-55	R. Gildea	U
3573	Cape Cod System Weekly Operations Schedule	5-3-55	TCSS, Group 61	U
3574	Cape Cod System Mission Specifications (53-55) for Two Simulated Training Missions on Wednesday and Thursday 4 and 5, May, 1955	5-3-55	A. Smalley	U
3575	Space for Non-Lincoln Personnel Associates with Operation of XD-1 Experimental Subsector	5-4-55	R. Everett	C
M 3576	Division 6 Personnel List			U
3577	Cape Cod Mission Specifications (56-55) for Eight Power Level (PL) Tests to be Conducted on Tuesday, Wednesday and Friday 10, 11, 12 and 13, May, 1955	5-4-55	L. Grush	U
3578	Cape Cod Mission Specifications (57-55) for Blip-Scan (C) Range Test to be Conducted on Tuesday, Wednesday and Friday, 10, 11, 12 and 13, May 1955	5-4-55	L. Grush	U
3579	LRI Monitor Specifications for AN/FSQ-7	5-19-55	B. Housman et al	U
3580	Cape Cod System Mission Specifications (58-55) for Track Initiation (IB) Mission on Wednesday, 11, May, 1955	5-5-55	A. Smalley	U
3581	Cape Cod System Mission Specifications (59-55) for Radar Mapping Mission on Tuesday and Friday, 10 and 11, May, 1955	5-5-55	A. Smalley	J

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3582	Cape Cod System Mission Specifications (60-55) for a Track Monitoring Test on 12, May, 1955	5-5-55	D. Israel	U
3583	XD-1 Console Equipment and Label Layout Part I Equipment Summary	6-13-55	H. Rising	C
3584	XD-1 Console Equipment and Label Layouts Part II Room S	6-1-55	H. Rising	C
3585	XD-1 Console Equipment and Label Layouts Part III Room W	6-1-55	R. Buzzard H. Rising	C
3586	XD-1 Console Equipment and Label Layouts Part IV Command Post	6-1-55	R. Buzzard H. Rising	C
3587	XD-1 Console Equipment and Label Layouts Part V Room T, I, D, M and Computer	6-1-55	H. Rising E. Buzzard	C
3588	Sage Programming Information Service	5-6-55	P. Bagley	U
M 3589	IBM-SO Concurrence Meeting No.26 Held at Lincoln Laboratory 5, May, 1955	5-6-55	J. Giordano	U
3590	Transient Analysis of Power Supply for Sage System Direction Center, Fifth and Subsequent Sites	5-11-55	Moreland and Jackson	U
3591	Vacuum Tube Failures During the Month of March, 1955	5-5-55	T. Clough	U
B 3592	Bi-Weekly Report for May 6, 1955			C
M 3593	Sage System Meeting 9, May, 1955	5-9-55	E. Lundberg	C
3594	Cape Cod System Weekly Operations Schedule	5-9-55	TCSS Group 61	U
3595	Cape Cod Mission Specifications (64-55) for Blip-Scan (C) Range Test to be Conducted on 17, 18, 19 and 20 of May, 1955	5-9-55	L. Grush	U
3596	Proposal Operational Specification (65-55) for Sage Anti-Aircraft Direction Center	5-9-55	J. Cahill	S

No.6M	Title	Date	Author	Cls.
3597	Cape Cod System Mission Specifications (65-55) for Radar Mapping Missions on Monday, and Wednesday, 16 and 18, May, 1955	5-10-55	A. Smalley	U
3598	Cape Cod System Mission Specifications (67-55) for a Simulated Training Mission on May 19, 1955	5-9-55	A. Smalley	U
3599	Mission Specifications (63-55) for Blip-Scan Mission on Tuesday, Wednesday, Thursday and Friday, 17,18, 19 and 20, May, 1955	5-9-55	L. Grush	U
3600	Alarm and Intercommunications Facilities for AN/FSQ-7 Duplex Operation	5-11-55	P.Vance A.Shoolman	U
3601	CANCELLED			
3602	Minutes of Sage Experimental Sub-sector Planning Approval Committee Meeting of May 9, 1955	5-12-55	H. Anderson	C
3603	Studies of Typotron-Tube Performance Under Simulated Operational Conditions	5-23-55	L. Martin	U
3604	M.S. Thesis Investigation of Factors Affecting Life of Charactron Tubes	5-23-55	P. Tandy	U
3605	Cape Cod Mission Specifications (66-55) for a Track Accuracy(ABN) Mission on Friday, 20, May, 1955	5-16-55	A. Smalley	U
3606	XD-1 Utility Programs (Octal Print; Basic Trace and Trap; Binary Punch	5-13-55	J. Yienger	U
3607	Cape Cod System Mission Specifications (69-55) for a Track Monitoring Test on Friday 20, May, 1955	5-13-55	A. Smalley	U
3608	Mission Specifications (71-55) for Orientation and Holmes Data Mission on Tuesday, 17, May, 1955	5-13-55	A. Smalley	U
3609	Cape Cod Mission Specifications (68-55) For a Sage System Familiarization Indoctrination on Thursday, and Friday, 19 and 20, May, 1955	5-16-55	A. Smalley	U

No. 6M	Title	Date	Author	Cls.
3610	Cape Cod Mission Specifications (72-55) for a Holmes Data Mission on Wednesday, 18, May, 1955	5-16-55	A. Smalley	U
3611	Cape Cod Mission Specifications (70-55) for Track Initiation Mission on Wednesday, 18, May, 1955	5-16-55	A. Smalley	U
3612	Sage System Meeting, May, 16, 1955	5-16-55	A. Smalley	U
3613	Cape Cod Mission Specifications (78-55) for a Track Initiation Mission on Wednesday, 25, May, 1955	5-17-55	A. Smalley	U
3614	Cape Cod Mission Specifications (73-55) for Radar Mapping Missions on Monday and Friday, 23 and 27, May, 1955	5-17-55	A. Smalley	U
3615	Cape Cod Mission Specifications (75-55) for Track Accuracy (ABN) Mission on Tuesday and Thursday, 24 and 26, May, 1955	5-17-55	A. Smalley	U
3616	Cape Cod Mission Specifications (80-55) for Elip-Scan Missions on Tuesday, Wednesday, Thursday and Friday, 24, 25, 26, 27, May, 1955	5-17-55	L. Grush	U
3617	Cape Cod Mission Specifications (77-55) for a Simulated Training Mission on 25, May, 1955	5-17-55	A. Smalley	U
3618	A Definition of Operational and Mathematical Specification	5-17-55	A. Heineck	C
M 3619	Proposed XD-1 Evaluation, 20, May, 1955	5-17-55	S. Thompson	U
3620	Minutes of a Meeting on a Program for the Standby Computer	5-17-55	A. Heineck	C
3621	Operation of Building F Sprinkler System	5-17-55	C. Waite H. Mercer	U
3622	Change of Interlace on the Buffer Drum	5-19-55	L. Healy	U
3623	Vacuum Tube Failures During the Month of April, 1955	5-16-55	T. Clough	U

No.6M	Title	Date	Author	Cls.
3624	Coding of the Master Program for the Sage System	5-27-55	R. Walquist	U
3625	Cape Cod System Weekly Operation Schedule	5-19-55	Sage Test Office	U
3626	Cape Cod System Mission Specifications (76-55) for a Track Monitoring Test (MS) on Tuesday, and Thursday, 24 and 26, May, 1955	5-19-55	A. Smalley	U
3627	Cape Cod System Mission Specifications (74-55) for Holmes Data Missions Wednesday and Friday, 25 and 27, May, 1955	5-20-55	A. Smalley	U
3628	Guaranteed Data Storage in AN/FSQ-7 Duplex Computer Operation	5-23-55	A. Shoolman P. Vance	C
3629	Study of Probability of Storage for IRI	11-28-55	A. Hughes	C
B 3630	Bi-Weekly Report for 20, May, 1955	5-20-55	Division 6 Staff	C
M 3631	Sage System Meeting, 23, May, 1955	5-23-55	E. Lundberg	U
3632	AN/FSQ-7 Console Equipment and Label Layouts Part I Equipment Summary	6-13-55	R. Buzzard H. Rising	C
3633	AN/FSQ-7 Console Equipment and Label Layouts Part II Room S	6-9-55	R. Buzzard H. Rising	C
3634	AN/FSQ-7 Console Equipment and Label Layouts Part III Room W	6-9-55	R. Buzzard H. Rising	C
3635	AN/FSQ-7 Console Equipment and Label Layouts Part IV Command Post	6-9-55	R. Buzzard H. Rising	C
3636	AN/FSQ-7 Console Equipment and Label Layouts Part V Rooms T, I, M, E and Computer	6-9-55	R. Buzzard H. Rising	C
3637	Test Equipment Committee Meeting 20, May, 1955	5-24-55	L. Sutro	U
3638	Cape Cod System Weekly Operation Schedule	5-25-55	Sage Test Office	U
3639	Planned IBM Programmer Training Course	5-25-55	P. Bailey	C

No.6M	Title	Date	Author	Cls.
3642	CANCELLED			
M 3643	IBM-SO Concurrence Meeting #28 Held at Lincoln Laboratory 26, May, 1955	5-31-55	J. Giordano	U
3644	Subsector System-Integration Planning	5-27-55	E. Rich	C
3645	Minutes of Experimental Sage Subsector Planning Approval Committee Meeting of 23, May, 1955	5-27-55	H. Platt	U
3646	Installation of a Lock-in-Read Made for Magnetic Tape	5-27-55	A. Roberts	U
3647	Current Status of AA Integration with Sage System	5-31-55	J. Cahill	S
3648	Phase II Training Course for ADES Personnel	5-27-55	A. Hill P. Bagley	C
3649	Typical SBT Static Characteristics	5-31-55	E. Cohler	U
3650	Philco Transistor Subcontract	5-31-55	D. Brown	U
3651	3002420 Meeting of 11 and 12, May, 1955	6-3-55	S. Twicken	U
M 3652	Group 63 Approval Committee Meeting May 31, 1955	6-1-55	D. Brown	U
3653	Group 61 Symbology References (SR)	6-1-55	R. Davis	U
M 3654	Procedure for Stripping Wires for 64x64 Memory Plane Modules	6-7-55	E. Guditz	U
3655	Cape Cod System Aircraft Requirement List (CCS-ARL)			U
3656	The Training of ARDC Personnel to Man the Direction Centers for Cape Cod and XD-1	5-31-55	A. Heineck S. Hibbard	C
3657	Flip-Flop Adder	6-1-55	A. Vanderburg	U
3658	Cape Cod System Weekly Operation Schedule	6-1-55	Sage Test Office	U
3659	Group 61 Weekly Mission Requirements (CCS-WMT)	6-2-55	N. Jones	U

No. 6M	Title	Date	Author	Cls.
3660	Command Post DD Desk Design	6-2-55	N. Jones	U
3661	Master Program Preparation Schedule	6-14-55	H. Benington	C
3662	Program Interrogation of Display Cycle	6-3-55	F. Heart	C
3663	Visit from Rand to Discuss Rand's Permanent Facilities and STP for Sage	6-3-55	J. Jacobs	U
3664	Alternate Mission Listing (CCS-AML)	6-3-55	R. Davis	U
3665	Group 61 Operations Plans Index	6-3-55	R. Davis	U
3666	CCS Equipment Requirement Lists	6-3-55	R. Davis	U
3667	Detailed Schedule for Weapons Direction Section from 1, May to October 1, 1955	6-3-55	M. Feldstein	C
3668	CANCELLED			
M 3669	XD-1 Evaluation, 20, May, 1955	6-8-55	S. Thompson J. Crane	U
3670	CANCELLED			
M 3671	Laboratory Personnel List	6-1-55		U
M 3672	Sage System Meeting 6, June, 1955	6-8-55	J. Carson	U
3673	Need for Programmers Training Course for ADES, RAND, ADC and Lincoln to be Provided by IBM	6-6-55	J. Jacobs	C
B 3674	Bi-Weekly Report for 27, May, 1955	5-27-55	Division 6 Staff	C
3675	Cape Cod System Weekly Operations Schedule (WCS 24-55)	6-8-55	Sage Test Office	U
3676	Group 63 Approval Committee Meeting June 3, 1955	6-7-55	D. Brown	U
3677	Comparison of Possible Programs for (v,e) to (x,y) Conversion of Radar Data in the AN/FSQ-7	6-8-55	F. Brooks	C
3678	Group 63 Approval Committee Meeting June 7, 1955	6-7-55	D. Brown	U

No.6M	Title	Date	Author	Cls.
3679	Detailed Schedule for Tracking Section from May 1 to October 1, 1955	6-8-55	F. Brooks	C
3680	Vacuum Tube Failures During the Month of May 1955	6-8-55	T. Clough et al	U
3681	Cape Cod Mission Specifications (59-55) for Track Accuracy (ABN) Mission on Tuesday 10, May, 1955	5-11-55	A. Smalley	U
3682	Mimic Panel for Maintenance and Programming Area AN/FSQ-7	9-13-55	A. Chopourian	U
3683	Study of Modified Combat Center for Use as a Permanent Rand and Air Training Command Facility	6-22-55	L. Jeffrey	S
3684	X Telling XD-1 to WW and Return; Future Sage Test with Whirlwind	6-13-55	J. May	C
3685	Diminisions of AN/FSQ-7 Situation Display Format	6-16-55	R. Reed	U
3686	Problems of Integrating Antiaircraft and Sage	6-28-55	Division 6	S
3687	Proposal for a New 16-Aircraft Program for WW1	6-14-55	D. Latimer	C
3688	CANCELLED			
3689	Minutes of Experimental Sage Sub-sector Planning Approval Committee Meeting of 13, June, 1955	6-14-55	H. Platt	C
3690	Progress of XD-1 Large Board Display	6-14-55	L. Sutro W. Gardner	U
3691	Modes of AN/FSQ-7 Duplex Operation	6-16-55	A. Shoolman P. Vance	C
3692	Equipment-Cooling Loads for a Direction Center	8-17-55	F. Jahn J. Gano	C
3693	A Method of Interpreting and Using Cape Cod System Records	6-16-55	C. Watt	C
3694	Alarm Monitoring in AN/FSQ-7 Duplex Operation	6-16-55	P. Vance A. Shoolman	U
3695	ADES Training, Phase III, Section A: Direction Center Equipment	6-17-55	F. Bagley	U

No.6M	Title	Date	Author	Cls.
3696	CANCELLED			
3697	Review of Operational Lighting Developments at Lincoln Laboratory	6-23-55	W. Ayer	U
3698	Report on West Coast Trip May 23, to June 2, 1955	6-20-55	H. Hodgdon	U
M 3699	Specifications for 64 ² Memory Plane Module Frame	6-20-55	L. Smith E. Widitz	U
M 3700	IBM-SO Concurrence Meeting #20 Held at Lincoln Laboratory 15, June, 1955	6-20-55	J. May	U
M 3701	Sage System Meeting 20, June, 1955	6-20-55	E. Lundberg	C
3702	Special Test Lines for XD-1 Situation Display	6-22-55	R. Reed	U
3703	A Report of a Meeting Held to Plan for Coordinated Assignments and Stability of Air Force Personnel Required to Man CC and XD-1	6-21-55	S. Hibbard	C
B 3704	Bi-Weekly Report for 17, June, 1955	6-17-55	Division 6 Staff	C
3705	Description of Liason Desks in the Command Posts	6-21-55	N. Jones	U
M 3706	Documents to be sent to IBM	6-21-55	B. Paine	U
3707	Minutes of Experimental Sage Subsector Planning Approval Committee Meeting of 20, June, 1955	6-22-55	H. Platt	C
3708	ADES Training, Phase III, Section B: External Equipment	6-22-55	A. Hill	C
3709	CANCELLED			
3710	Surface-Barrier Transistor Pulse Generator	6-17-55	N. Peterseb	U
3711	Results of Meeting at EADF on Telephone Entrance Facilities for the Sage Experimental Subsector	6-22-55	C. Carter	U
3712	Additional Rental Charges for Augmentation of Sage Experimental Subsector Ground/Air Radio Channels	6-22-55	H. Kirshner	C

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3713	Rand-Lincoln Relationship	7-7-55	J. Jacobs	C
3714	CANCELLED			
3715	Vacuum Tube Failures During the Month of June, 1955	6-24-55	E. Searle T. Clough	U
3716	Operation of the New WWI Instruction sd "Sum of Digits"	6-24-55	J. Ackley	U
M 3717	A Transistor Selction System for a Magnetic-Core Memory (MsTP)	6-27-55	G. Davidson	U
3718	CANCELLED			
M 3719	Laboratory Personnel List	7-1-55		U
3720	Operational Specifications for Raid-Forming in a Sage Direction Center	8-5-55	P. Bragar	C
M 3721	Sage System Meeting 27, June, 1955	6-27-55	F. Lundberg	U
3722	Minutes of Experimental Sage Sub-sector Planning Approval Committee Meeting of 27, June, 1955	6-22-55	H. Platt	U
3723	Logical Network, IV: Arithmetical Analysis of Logical Nets	7-1-55	R. Jeffrey	U
3724	Test Equipment Committee Meeting. 17, June, 1955	6-28-55	L. Sutro	U
3725	Programming for the WWI Crosstell Output System	6-29-55	J. Ackely	U
3726	FSQ-7 Programming Seminar	6-28-55	P. Bagley	U
M 3727	Minutes of the IBM-SO Concurrence Meeting #32 Held at Lincoln Laboratory 29, June, 1955	6-30-55	J. Giordano	U
3728	Category and Display Assignment BIT Assignment for Sage Situation Display Console	8-19-55	R. Reed	C
M 3729	Proposed XD-1 Evaluation, 13, July 1955	6-28-55	J. Crane	U
3730	Siting Party Meeting at Montauk	7-1-55	C. Carter	C
B 3731	Bi-Weekly Report 1. July, 1955	7-1-55	Division 6 Staff	C

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3732	AN/FSQ-8 Console Equipment and Label Layouts	6-30-55	W. Lone	C
3733	Documents of Interest to XD-1 Programmers	7-6-55	P. Bagley	U
3734	Training of Section "C" to Man Experimental Sage Direction Center September 1, 1955 to June 1, 1957	9-6-55	G. Reed S. Hibbard	C
3735	Francis Associates Budget	7-6-55	W. Ayer E. Smiley	U
3736	ADES-Lincoln Activities in System Test Planning - Second Meeting	7-7-55	E. Rich	U
3737	Group C1 Indoctrination Course	7-7-55	P. Bagley	U
M 3738	Extension of Subcontract #49	7-6-55	D. Brown	U
3739	Operational Specification for Interim Antiaircraft Direction in the Sage System	7-28-55	J. Cahill	S
3740	Our Understanding of Agreements with Rand	7-19-55	J. Jacobs	U
3741	Statistical Techniques Applied to Experimental Designs	7-8-55	R. Walquist	U
B 3742	Bi-Weekly Progress Report on FSQ-7 Memories	7-11-55	D. Shansky W. Canty	U
3743	Tracking Method Study	7-11-55	F. Heart	C
3744	Operational Specifications for Weapons Assignment in the Sage System	9-1-55	C. Grandy A. Chandler A. Heineck	S
3745	Second Progress Report on XD-1 Large Board Display	7-8-55	W. Gardner L. Sutro	U
3746	Proposed SOP for System Scheduling and Maintenance in Cape Cod	7-21-55	C. Watt	U
3747	Visit to Signal Corps h44-A System at Fort Meade, Maryland	7-12-55	C. Watt	C
3748	CANCELLED			

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3749	Minutes of Experimental Sage Sub-sector Planning Approval Committee Meeting of 11, July, 1955	7-12-55	H. Platt	C
3750	Report of Meeting with Telephone Company Regarding N. Truro Site	7-13-55	C. Carter	U
M	3751 Concurrence Procedures for Sage Operational Specifications	7-15-55	D. Israel J. Arnow	U
3752	Subcontract of "Program and Mathematical Research for LL to DIC Project 6345	7-7-55	D. Israel	U
3753	XD-1 Warning Light and Audible Alarm Bit Assignments	8-3-55	H. Rising	U
3754	AN/FSQ-7 Warning Light and Audible Alarm Bit Assignments	8-3-55	H. Rising	U
3755	XD-1 Manual Intervention Bit Assignments	7-19-55	H. Rising W. Ball	U
3756	AN/FSQ-7 Manual Intervention Bit Assignments	7-19-55	W. Ball H. Rising	U
3757	Nomenclature for Consoles and Operating Positions in AN/FSQ-7	7-20-55	H. Rising	C
3758	Light Gun Codes and Light Gun Cor: Assignments	7-19-55	H. Rising	U
3759	Programmed Crosstell Data Link Test, G-95	7-18-55	S. Ginsburg	U
B	3760 Bi-Weekly Report for 15, July, 1955	7-15-55	Division 6 Staff	C
3761	FSQ-7 Programming Data Sheets	7-20-55	P. Bagley	U
3762	Visit to Mepco, Incorporated, Morristown, N. J.	7-20-55	C. Morrione	U
M	3763 Sage System Meeting 18, July, 1955	7-18-55	E. Lundberg	U
3764	Removal of LFI and GFI Units from AN/FSQ-7 for AN/FSQ-8	7-19-55	A. Hughes	C
3765	Digital Display Slot Assignment for AN/FSQ-7 and XD-1	7-20-55	R. Reed	C

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3766	Operational Specifications for Track Detection and Initiation in Sage System	8-16-55	D. Bailey	C
3767	Air Defense Programming Course September, 1955	8-1-55	P. Bagley	C
3768	AN/FSQ-7 Programming Course Outline	7-20-55	P. Bagley	U
3769	Report of Staff Training Activity	7-20-55	P. Bagley	U
3770	Transistor Circuits Course #1 Introduction	7-20-55	D. Eckl	U
3771	Summary of the Sidcussions Held at a Meeting for the Purpose of Defining of the C & E Duty Officer in a Sage Subsector	7-20-55	C. Watt	C
3772	Requirements for Separate Rand-Air Training Command Direction Center Facility	7-20-55	L. Jeffrey D. Israel	C
3773	Proposed Specifications for AN/FSQ-8 Equipment	7-26-55	A. Hughes	S
3774	Operational Specification for Sage System Radar Data Inputs	8-3-55	E. Wolf F. Brooks	C
3775	Test Equipment Committee Meeting, July 1, 1955	7-22-55	L. Sutro	U
M 3776	Minutes of IBM-SO Concurrence Meeting #34 Held at Lincoln Laboratory 21. July, 1955	7-22-55	J May J. Giordano	U
3777	Trip to Glen L. Martin Company to Discuss Deposited Carbon Resistor Failures	7-22-55	C. Morrione	U
3778	Use and Presentation of Weather Data in the Sage System	7-28-55	F. Garth S. Hauser	C
3779	Need for Additional Data Processing Facilities to save XD-1 Time	8-18-55	H. Benington M. Feldstein	C
3780	Operational Specifications for the Identification Function In Sage	8-3-55	F. Garth S. Hauser	C
3781	Report of Training Conference Convened at Lincoln Laboratory	7-26-55		S

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M	3782	Sage System Meeting 25, July, 1955	7-25-55	E. Lundberg	U
	3783	Sage Radar Requirements--Priority Estimates	7-26-55	W. Wells F. Heart	S
	3784	Programming for the WWI Crosstell Input System	7-26-55	Chi-Sun-Lin	U
M	3785	Laboratory Personnel List August 1, 1955	8-1-55		U
	3786	Operational Specifications for Sage Intercept Direction	9-7-55	C. Grandy et al	S
	3787	CANCELLED			
	3788	Operational Specifications for Weapons Direction Crosstelling in Sage System	8-18-55	C. Grandy	C
	3789	CANCELLED			
	3790	Heat Loads in a Direction Center	8-22-55	Francis Associates	C
	3791	Minutes of Experimental Sage Subsector Planning Approval Committee Meeting	7-27-55	H. Platt	C
	3792	ADES-Lincoln Activities in System Test Planning-Working Committee Progress Report #1	7-26-55	L. Holmes	C
M	3793	T.I.R. of Operational Specifications and XT-1 Equipment Specifications	7-28-55	S. Dodd	U
	3794	Drumless Read-In Program T-1008	7-28-55	J. Ackley	U
	3795	Operational Specifications for Subsector Command Post in Sage	8-10-55	P. Pragar	C
	3796	Transistor Circuits Course #2 Equivalent Circuits of Transistors	8-1-55	D. Eckl	U
B	3797	Bi-Weekly Report for July 29, 1955	7-29-55	Division 6 Staff	C
M	3798	Sage System Meeting, 1. August, 1955	8-1-55	E. Lundberg	C
	3799	ADES-Line In Bi-Weekly Meeting 2, July, 1955	8-1-55	E. Lundberg	C
	3800	Transistor Circuits Course #3 Characteristic Curves	8-1-55	D. Eckl	U

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3801	MTC Operation-"Clear and Subtract"	8-2-55	A. Vanderburgh	U
3802	Revisions to 6M-3000, 6M-3000 Supplements 1-11 and 6M-3275-1	7-3-55	H. Kirshner	U
3803	Protection of Console Diodes	8-3-55	R. Callahan B. Gurley	U
3804	Sage Familiarization Course, October 17-28, 1955	8-8-55	P. Bagley A. Hill	U
3805	MOD III Current Calibrator	8-9-55	R. Pacl	U
3806	Maintenance and Operation of the Vacuum Tube Assembly Room	6-26-55	F. Caswell	U
3807	Vacuum Tube Failures During the Month of July, 1955	8-2-55	E. Searle T. Clough	U
3808	Minutes of Equipmental Sage Sub-sector Planning Approval Committee Meeting, 1, August, 1955	8-11-55	H. Anderson	C
3809	Concurrence Meeting on Design of Bendix Gate Pentode	8-4-55	S. Twicken	U
3810	Operational Specifications for Forward Telling in the Sage System	9-8-55	W. Lone P. Bragar	C
3811	Summary of the First Meeting of the Task Group on Definitions of the Duties of the C & E Officer	8-8-55	C. Watt	U
3812	Test Equipment Committee Meeting 22, July, 1955	8-8-55	L. Sutro	U
M 3813	Sage System Meeting August 8, 1955	8-8-55	E. Lundberg	U
3814	Operational Specification for the Manual Data-Input Function in the Sage System	8-8-55	S. Hauser F. Garth	C
3815	Transistor Circuits Course #4 Transistor Amplifiers	8-19-55	D. Eckl	U
3816	Operational Specifications for Crosstelling in the Sage System	8-6-55	S. Ornstein	C
3817	Starting of Motor-Generator Sets in Sage System Power Plants	8-16-55	Jackson and Mc reland	U

No.6M	Title	Date	Author	Cls.
3818	AN/FSQ-7 and AN/FSQ-8 (XD-1) Activate BIT Assignments	8-18-55	H. Rising	U
3819	CANCELLED			
3820	EMAR: An Experimental Memory Address Register	8-10-55	W. Clark	U
3821	Minutes of Experimental Sage Sub- sector Planning Approval Committee Meeting of August 8, 1955	8-10-55	H. Platt	C
3822	Group Responsibilities for Group 61	8-10-55	J. Forrester	U
3823	Vector Generator for Display Equipment	8-11-55	J. Woolf	U
3824	Organization and Responsibility of MTC Technicians	8-11-55	H. Ziegler	U
3825	Improving Reliability of MTC Operation	8-11-55	H. Ziegler	U
3826	Operational Specification for Track Monitoring in the Sage System	9-30-55	F. Brooks J. Ishihara	C
M 3827	Minutes of Section Leader's Meeting, July 29, 1955	8-9-55	C. Gaudette	C
3828	Operational Specifications for the Height Finding Function in a Sage Direction Center	8-25-55	H. Frachtman	C
3829	AN/FSQ-7 Basic Programming Course Manual Input-Output and Display	8-8-55	Basic Program- ming Staff	C
3830	Positive Bias as Applied to Sur- face Barrier Transistor Switching Circuits	8-12-55	E. Cohler K. Konkle	U
3831	Minutes of Group 61 Leader's Mee- ting 10, August, 1955	8-12-55	W. Attridge	C
M 3832	Sage System Meeting 15, August, 1955	8-15-55	J. Carson	U
3833	Transient Performance of Power Supplies for First Two Direction Centers and for First Combined Direction and Combat Center	8-31-55	Jackson and Moreland	U
3834	MTC Utility Programs	1-27-55	A. Vanderburgh	U

	No.6M	Title	Date	Author	Cls.
B	3835	Bi-Weekly Report for 12, August, 1955	8-12-55	Division 6 Staff	C
	3836	Operational Specifications for Automatic Tracking in the Sage System	8-31-55	D. Bailey	C
	3837	CANCELLED			
	3838	CANCELLED			
	3839	Final Report of Task Group Studying the Duties and Responsibilities of the C & E Duty Officer	8-22-55	C. Watt	U
	3840	CANCELLED			
M	3841	Sage System Meeting, 22, August, 1955	8-22-55	E. Lundberg	U
	3842	Proposed Changes to Command Post DD Desk Specifications	8-22-55	N. Jones	U
M	3843	The Cryotron-- a Superconductive Computer Component	8-22-55	D. Buck	U
	3844	CANCELLED			
	3845	Test Equipment Committee August 23, 1955	8-23-55	L. Sutro	U
	3846	Installation Status of External Telephone Circuits and Equipment for the Sage Experimental Subsector	8-22-55	C. Carter	U
	3847	CANCELLED			
	3848	CANCELLED			
	3849	Cape Cod System Weekly Operation Schedule	8-24-55	A. Wright	U
	3850	Group #1 Requirements for Installation of XD-1 Console	8-24-55	H. Benington	U
M	3851	Master Reference List of Equipment Specifications for XD-1	9-7-55	R. Buzzard J. Giordano	C
	3852	Equipment Needs in XD-1	8-25-55	S. Dodd	C
M	3853	Results of the System Test Performed on the AN/FSC-7 XD-1 During June, 1955	8-25-55	J. Crane	U

No.	Title	Date	Author	Cls.
3854	High Speed Punch: Trip to Soroban	8-25-55	A. Hughes	U
M 3855	Test Planning, Concurrence and Conduct in the Sage System	8-31-55	R. Davis C. Watt E. Proehle	U
3856	Pulse Transformer Amplifiers	9-7-55	M. Cerier	U
M 3857	Lincoln-IBM Meeting on XD-1 Equipment	8-30-55	S. Dodd	C
3858	ADES-Lincoln Engineering Meeting of 25, August, 1955	8-26-55	E. Lundberg	C
B 3859	Bi-Weekly Report for 26, August, 1955	8-26-55	Division 6 Staff	C
3860	Inactivity Alarm for AN/FSQ-7	9-1-55	H. Benington	U
M 3861	Minutes of IBM-SD Concurrence Meeting #37 Held at Lincoln Laboratory 25, August, 1955	8-30-55	N. Jones	U
3862	A Study of Rough Amplitude Quantization by Means of Nyquist Sampling Theory	9-7-55	B. Widrow	U
M 3863	Personnel List, September 1, 1955	9-1-55	Division 6 Staff	U
M 3864	Sage System Meeting 29, August, 1955	8-29-55	E. Lundberg	C
3865	Group #1 Requirements Affecting Availability of XD-1 Equipment October, 1955 to April, 1956	9-1-55	H. Benington	C
3866	CANCELLED			
3867	Meeting on Sage Experimental Sub-sector Air-Ground Radio Facilities	8-31-55	C. Carter	U
3868	Barta Building Power Distribution	9-1-55	A. Chopourian	U
3869	Cape Cod System Weekly Operations Schedule	8-31-55	A. Wright	U
3870	Operational Specifications for Digital Display in the Sage System	12-23-55	R. Reed	C
3871	A New Mode of Trum Operation for Block Transfer	9-1-55	L. Healy	U

No.6M	Title	Date	Author	
3872	Status of Mark X and SIF and Their Effect on Sage	9-10-55	J. May	S
3873	Ground-to-Air Data Link Subchannel Selector Switch	9-4-55	C. Grandy	C
3874	Power Generation and Distribution for the Sage System Combat and Direction Centers	1-5-56	R. Jahn J. Gano	U
3875	Group 61 Responsibilities and Personnel Requirements	9-7-55	D. Israel	S
3876	Programming Activity for Systems Test and Maintenance	9-7-55	K. McVicar	C
3877	Report of the Tracking Study Committee	9-6-55	W. Wells et al	C
3878	Proposal for an Automatic Camera Projection System for Direction and Combat Centers	9-7-55	W. Gardner J. Carson L. Sutro	C
3879	Cape Cod System Weekly Operation Schedule	9-7-55	A. Wright	U
3880	CANCELLED			
M 3881	XD-1 Evaluation, 13, July, 1955	9-12-55	J. Crane S. Thompson	U
3882	AN/FSQ-7 and AN/FSQ-7(XD-1) Standby Console Equipment Totals	9-20-55	J. Russell	U
M 3883	Report of Committee Studying Failure Reporting in the Sage and Experimental Subsectors	9-9-55	E. Ennis(BTL)	U
3884	Master Reference List AN/FSQ-7 Specifications	8-25-55	J. Carson R. Shorey	U
3885	Trip Report Hi-Q Division, Aerovox Corporation	9-12-55	H. Hodgdon	U
3886	Staff Growth Necessary for Sage Programming Responsibilities	9-12-55	D. Israel	U
B 3887	Bi-Weekly Report for 9, September, 1955	9-9-55	Division 6 Staff	C
3888	SBT Hole Storage - 1	9-27-55	C. Kirk	U

No.6M	Title	Date	Author	Cls.
3889	Minutes of Experimental Sage Sub-sector Planning Approval Committee of September 12, 1955	9-13-55	J. Giordano	C
3890	Test Equipment Committee Meeting 2, September, 1955	9-14-55	L. Sutro	U
3891	Cape Cod System Weekly Operations Schedule	9-14-55	A. Wright	U
3892	Normal Area Assignment Switch	9-16-55	R. Gerhardt	U
3893	Minutes of CP DD Desk Meeting of 13, September 1955	9-19-55	R. Buzzard N. Jones	U
3894	Cape Cod System Weekly Operations Schedule	9-20-55	A. Wright	U
3895	Surface Processing of Vacuum-Tube Components	9-20-55	J. Palermo D. Lynch	U
3896	MTC Analysis Program	5-25-55	R. Sittler	U
3897	Revisions to Whirlwind I Instruction Code	9-21-55	H. Peterson	U
M 3898	Sage System Meeting 19, September 1955	9-19-55	E. Lundberg	C
3899	Interim Operational Specifications for Training and Battle Simulation in the Sage System	11-1-55	J. Levenson	C
M 3900	Minutes of the IFM-SO Concurrence Meeting #37 Held at Lincoln Laboratory September 20, 1955	9-21-55	J. Giordano	U
3901	Long Range XD-1 Computer Time Allocation	9-21-55	H. Anderson	C
3902	Preliminary Specifications for Modifications to Auxiliary Data Processing Equipment	10-14-55	F. Durgin	U
3903	Proposal to Film the Sage Familiarization Course to be Held October 17 through October 28, 1955	9-23-55	A. Hill	U
3904	Minutes of Meeting to Discuss the Recommendations of the Committee on Failure Reporting	9-24-55	G. Watt	U

No.	6M	Title	Date	Author	Cls.
B	3905	Bi-Weekly Report for September 23, 1955	9-23-55	Division 6 Staff	C
	3906	A Novel Method for Measuring Hole-Storage Charge in Diodes	10-25-55	E. Cohler	U
	3907	Sage Growth and Flexibility Recommendations for Building Planning	10-11-55	W. Ayer	C
	3908	Cape Cod System Weekly Operations Schedule	9-27-55	A. Wright	U
	3909	List of Test Equipment for Sage Sub-Systems Test	9-28-55	J. Giordano	C
	3910	Minutes of the Experimental Sage Subsector Planning Approval Committee Meeting of September 26, 1955	9-28-55	J. Giordano	C
M	3911	Sage System Meeting September 26, 1955	9-26-55	E. Lundberg	U
M	3912	Lincoln Laboratory Personnel List October 1, 1955	10-1-55	Division 6 Staff	U
	3913	Specifications for Utilizing the Kelvin and Hughes Rapid Processing Photographic Projector System in Sage System Command Post	9-30-55	J. Carson	C
	3914	The Application of Transistor to Multiposition Selection Switches	9-29-55	P. Griffith	U
	3915	CANCELLED			
	3916	Inactivity Alarm for XD-1 and AN/FSQ-7, AN/FSQ-8	9-30-55	R. Buzzard	U
M	3917	Minutes of the IBM-SO Concurrence Meeting #39 Held at Lincoln Laboratory September 29, 1955	10-3-55	J. Giordano	U
M	3918	Sage System Meeting October 3, 1955	10-3-55	E. Lundberg	U
	3919	AFES-Lincoln Engineering Meeting of September 28, 1955	9-28-55	E. Lundberg	U
	3920	Cape Cod System Weekly Operations Schedule	10-1-55	A. Wright	U
	3921	AN/FSQ-8 Display Slot Capacity	10-5-55	R. Buzzard	C

No.6M	Title	Date	Author	Cls.
3922	Number of XD-1 Tape Units Required by Group 61	11-22-55	H. Benington	C
3923	Minutes of Meeting on XD-1 WWI Crosstelling Link October 5, 1955	10-6-55	G. Watt	C
3924	Syllabus for Sage Familiarization Course October 17-28, 1955	10-11-55	A. Hill	C
3925	Minutes of the Experimental Sage Subsector Planning Approval Committee Meeting October 3, 1955	10-7-55	J. Giordano	C
3926	Mathematical Specifications for Weapons Assignment in the Sage System	4-4-56	E. Braude et al	C
3927	Mathematical Specifications for Intercept Direction in the Sage System	5-15-56	E. Braude et al	S
3928	Comparison of Track Sorting Methods for the Correlation Program in an AN/FSQ-7 (XD-1) Air Defense Program	10-10-55	P. Strait F. Brooks	C
3929	Proposed Specification for Status Boards for the XD-1 Command Post	9-10-55	G. Essler R. Buzzard	U
3930	Operational Specifications for the XD-1 Startover Function	12-1-55	D. Ladd	C
B 3931	Bi-Weekly Report for October 7, 1955	10-7-55	Staff Division 6	C
3932	Cape Cod System Weekly Operations Schedule	10-11-55	A. Wright	U
M 3933	Sage System Meeting October 10, 1955	10-10-55	E. Lundberg	U
3934	Proposed Organization of the Sage Master Direction Center Program (Operational Active)	10-11-55	W. Harris	C
3935	Mathematical Specifications for Automatic Tracking in the Sage System	12-9-55	D. Bailey	C
3936	Table Design for the Sage Direction Center Active Program	12-7-55	L. Collins	U
3937	Group 61 Duplex-Standby Activities	10-18-55	P. Vance C. Zraket	C

No.	Title	Date	Author	Cls.
3938	The Logical Structure of Digital Computers The Turing Machine	10-14-55	W. Clark	U
3939	Test Equipment Committee Meeting	10-14-55	L. Sutro	U
M 3940	Results of the System Test (Phase II) Performed on the AN/FSQ-7 (XD-1) During July, August and September 1955	11-1-55	J. Crane	U
M 3941	Sage System Meeting, October 17, 1955	10-17-55	E. Lundberg	U
M 3942	Minutes of the IBM-LL/SO Concurrence Meeting #41 Held at Lincoln Laboratory October 14, 1955	10-18-55	J. Giordano	U
3943	Proposal for Operating XD-1 with Raydist	10-19-55	S. Ginsburg	C
3944	Cape Cod System Weekly Operations Schedule	10-18-55	A. Wright	U
3945	Minutes of Two Sage Experimental Subsector Planning Approval Committee Meetings Held October 10 and 17, 1955	10-19-55	J. Giordano	C
3946	Transient Analysis of Direction Center Power Supply without Motor-Generator Sets	11-16-55	Jackson and Moreland	U
3947	Effect of Power Transients on Computer Reliability	11-16-55	S. Coffin	U
3948	Requirements for Air Force Operator Personnel to Man XD-1 Prior to June 1, 1955	10-20-55	Lincoln-Sage Training Office	U
3949				
3950	A Guide to Direction Center Operation	1-17-56	J. Haverty G. Hempstead	C
3951	Operational Specifications for Situation Display in a Sage Direction Center	3-12-56	R. Reed	C
M 3952	Minutes of the IBM-LL/SO Concurrence Meeting #42 Held at Lincoln Laboratory October 20, 1955	10-21-55	J. Giordano	U

No.6M	Title	Date	Author	Cls.
3953	Mathematical Specifications for Automatic Tracking in the Sage System	12-9-55	D. Bailey	C
3954	Cape Cod System Weekly Operations Schedule	10-25-55	A. Wright	U
M 3955	Sage System Meeting October 24, 1955	10-24-55	E. Lundberg	U
B 3956	Bi-Weekly Report of October 21, 1955	10-21-55	Division 6 Staff	C
3957	Background and Preliminary Discussion of G. E. Ground/Air Data Link System Tests	10-27-55	C. Watt	C
3958	Test Equipment Committee Meeting of 14 October 1955	10-26-55	L. Sutro	U
3959	Field Transfer and Exchange Programs	10-26-55	D. Richards	U
3960	Mathematical Specifications for Radar Inputs in a Sage Direction Center	12-19-55	E. Wolf	C
3961	Minutes of the Experimental Sage Subsector Planning Approval Committee Meeting October 24, 1955	10-26-55	J. Giordano	C
3962	Change of Drum Address of the Crosstell Input System	11-2-55	C. Lin E. Pughe	U
M 3963	Lincoln Laboratory Personnel List	11-1-55		U
3964	The Program Input Process: A Manual on the Use of the Lincoln Compiler and Read-In Programs	12-25-55	P. Bagley	U
3965	Cathode Life Test Program	10-27-55	C. Corderman	U
3966	CANCELLED			
M 3967	Sage System Meeting October 31, 1955	10-31-55	E. Lundberg	U
3968	Reliability Course at Redstone Arsenal, October 4-6, 1955 Trip Report	11-2-55	H. Hodgdon	U
3969	Cape Cod System Weekly Operations Schedule	11-1-55	A. Wright	U

No.6M	Title	Date	Author	cls.
3970	Proposed Remote Controls for the Large Board Projection Equipment in the Command Post	11-2-55	R. Buzzard	C
3971	Component Circuits for Digital to Analog Decoders	7-11-55	H. Zieman	U
3972	Air Defense Indoctrination Lectures	11-4-55	A. Hill	U
3973	Mathematical Specifications for Raid Forming	12-6-55	P. Bragar D. Ladd	C
3974	Proposed MTC In-Out Block Transfer	11-4-55	B. Farley	U
3975	Functions and Responsibilities of the C & E Duty Officer in the Sage System	11-4-55	C. Watt	U
3976	Organization of Coding Specifications for the Direction Center Active Program (OCA)	11-11-55	A. Shoolman	U
3977	Procedure for Release of Operational Specifications by T. I. R.	11-7-55	H. Kirshner	U
3978	Auxiliary Data Processing Equipment	11-9-55	F. Durgin	U
3979	Meeting on the Termination of Telephone Circuits at the Weymouth Naval Air Station	11-7-55	C. Carter	U
3980	Current Listing of Operational and Mathematical Specifications for Sage Direction Center	11-8-55	C. Zraket	C
3981	Cape Cod System Weekly Operations Schedule	11-8-55	A. Wright	U
3982	Mathematical Specifications for Antiaircraft Direction in the Sage System	2-16-56	J. Cahill	C
B 3983	Bi-Weekly Report November 11, 1955	11-11-55	Division 6 Staff	C
3984	Circuit Application of the Avalanche Phenomenon in Junction Transistors (Ms TP)	11-9-55	L. Jedynok	U
3985	Experimental Sage Subsector (ESS) Planning and Progress Report (Draft)	11-11-55	J. Carson	S

No.6M	Title	Date	Author	Class.
3986	Results of Survey of XD-1 Operator Requirements	11-18-55	Group 61-Sage Training Office	S
3987	ADES-Lincoln Engineering Meeting of October 26, 1955	11-10-55	E. Lundberg	C
3988	Notes on Air Conditioning Responsibilities Meeting at WE-ADES on November 1, 1955	11-23-55	E. L. Smiley	U
3989	Interim Operational Specifications for the Recording Function in the FSS	12-28-55	E. Lafferty	C
M 3990	Minutes of the IBM-L/L SO Concurrence Meeting #44 Held at Lincoln Laboratory November 10, 1955	11-14-55	J. Giordano	U
3991				
3992	Cape Cod System Weekly Operations Schedule	11-15-55	A. Wright	U
3993	Use of Utility Program-- Draft		P. Bagley	U
3994	Lincoln Checker: Operational Specifications	11-22-55	H. Benington et al	U
3995	Visor for Situation Display Console	11-16-55	E. Smiley	U
3996	Sage System Message Formats (DDR-DDT)	11-17-55	R. Shorey	C
3997	Mathematical Specifications for Height Finding	12-22-55	H. Frachtman	C
M 3998	Sage System Meeting November 14, 1955	11-14-55	E. Lundberg	C
3999	MTC Deflection Amplifiers	11-8-55	J. Wolf	U
4000	Minutes of the Experimental Sage Subsector Planning Approval Committee Meeting November 14, 1955	11-18-55	J. Giordano	C
4001				
4002	XD-1 Time and Equipment Required by Group 61 December 5, 1955 to April 2, 1956	11-18-55	H. Benington	U

No.6M	Title	Date	Author	Cls.
4003	Description of Coding Specifications for the Sage Programming Effort	11-18-55	H. Benington	U
4004	Unified Coding Specifications for the Sage Programming Effort	11-18-55	H. Benington	U
4005	Charactron Symbols Used for Radar Data Displays	11-21-55	R. Buzzard	C
4006	Proposal for Change to 6M-3728 "Category and Display Assignment for Sage Situation Display Console."	11-21-55	R. Reed	C
4007	Checker Manual -- Draft	5-8-56	A. Hills	U
4008	Epscom Program Catalog and Schedule, Part I	12-28-55	R. Mayer H. Rundquist	C
4009	Epscom Program Catalog and Schedule, Part II	1-3-56	R. Mayer H. Rundquist	C
4010	Review of Programming Activity for Subsector Equipment Test and Maintenance	12-15-55	K. McVicar R. Mayer	C
M 4011	Sage System Meeting, November 21, 1955	11-21-55	E. Lundberg	C
4012	Cape Cod System Weekly Operations Schedule	11-22-55	A. Wright	U
4013	Mathematical Specifications for Track Detection and Initiation in the Sage System	12-13-55	D. Bailey	C
B 4014	Bi-Weekly Report for Period Ending November 18, 1955	11-28-55	Division 6 Staff	C
4015	Minutes of a Meeting on the Standby Computer Activity	11-25-55	A. Heineck	C
4016	Minutes of the SSS Planning Approval Committee Meeting of October 21, 1955	11-25-55	J. Giordano	C
4017	Specifications for Utilizing the Kelvin and Hughes Rapid Processing Photographic Projector System in the XD-1 Command Post	11-25-55	L. Sutro R. Callahan	U
4018	Preparation of Coding Specifications for the Direction Center Active (DCA) Program	11-27-55	W. Harris	U

No.6M	Title	Date	Author	Cls.
M 4019	Results of the System Tests Performed on the AN/FSQ-7 (XD-1) During October 1955	12-2-55	J. Crane	U
4020	Mathematical Specifications for Track Monitoring in the Sage System	12-6-55	J. Ishihara F. Brooks	C
4021	Test Equipment Committee Meeting of November 4, 1955	11-28-55	L. Sutro	U
M 4022	Division 6 Personnel List for December 1, 1955	12-1-55		U
M 4023	Sage System Meeting, November 28, 1955	12-28-55	E. Lundberg	C
4024	ADES--Lincoln Engineering Meeting of November 22, 1955	11-25-55	E. Lundberg	C
4025	Cape Cod System Weekly Operations Schedule	11-29-55	A. Wright	U
4026	Operational and Mathematical Specifications for the Whirlwind I Sage Evaluation(Wise)System-Draft	2-1-56	D. Latimer F. Brooks S. Hauser	C
4027	Gap-Filler Radar Mapper Sweep Circuit	11-23-55	B. Barrett	U
4028	Mathematical Specifications for the Identification Function in Sage	12-5-55	S. Hauser F. Garth	C
4029	Drift Studies - XD-1 DC Power Supplies	12-5-55	S. Coffin	U
4030	Operational Specification for the Air Surveillance Section of a Sage Direction Center	3-23-56	H. Gochman	C
4031	A Guide to Joint Combat Center Operations	4-17-56	J. Burrows et al	C
4032	Mathematical Specifications for Manual Data-Input Function in Sage	1-9-56	F. Garth S. Hauser	C
M 4033	Minutes of the IBM-LL/SO Concurrence Meeting #46 Held at Lincoln Laboratory December 2, 1955	12-5-55	J. Girodano	U
4034	Installation of the Lincoln System of Utility Programs	12-6-55	C. Gaudette	U

No.6M	Title	Date	Author	Cls.
4035	Transistor Circuits Course #5 Thermal Stability of Transistors	12-2-55	D. Eckl	U
4036	Cape Cod System Weekly Operations Schedule	12-6-55	A. Wright	U
<i>B</i> 4037	Bi-Weekly Report for Period Ending December 2, 1955	12-9-55	Division 6 Staff	C
<i>M</i> 4038	Sage System Meeting, December 5, 1955	12-5-55	E. Lundberg	U
4039	Sage Familiarization Course, February 14 to 23, 1956	12-6-55	A. Hill	U
4040				
4041	Editor Subroutine System	12-20-55	P. Bagley	U
4042	Operational Specifications for the Library Processing Programs	2-11-56	A. Hill et al	U
4043				
4044				
4045				
4046	Minutes of the ESS Planning Approval Committee Meeting of December 5, 1955	12-8-55	J. Giordano	C
4047	The Writing of Equipment Program Specification	12-8-55	R. Mayer H. Rundquist	U
4048	General Procedure for Integrating New Weapons with Sage	1-30-56	J. Forrester	C
4049	Xerox Copying Equipment	12-9-55	A. Falcione	U
4050	Test Equipment Committee Meeting, November 28, 1955	12-12-55	L. Sutro	U
4051	Group C1 Proposal for Operation of the ESS Shutdown, Revision and Verification Exercises	12-20-55	C. Grandy T. Callahan	C
4052	The Connection of Telephone Cir- cuits at the No. Truro Shore Station	12-18-55	C. Carter	U

No.6M	Title	Date	Author	Cls.
4053	Cape Cod System Weekly Operation Schedule	12-13-55	A. Wright	U
4054	Air Defense Indoctrination Lectures (Second Series)	12-13-55	A. Hill	U
4055	Minutes of the ESS Planning Approval Committee of December 12, 1955	12-13-55	J. Giordano	U
M 4056	Sage System Meeting, December 12, 1955	12-12-55	E. Lundberg	U
4057	Test Concepts for Sage Height Finder Input Subsystem	12-14-55	R. Walen T. Sandy	C
4058	Operation of WWI Computer for Period January 1, 1956 to December 31, 1956	12-20-55	D. Morrison	U
4059	Outline and Schedule for Preparation of Operational Portion of Direction Center Standby-Computer Program	12-12-55	A. Heineck	C
4060	IRE Conference on Instrumentation	12-16-55	J. Woolf H. Zieman	U
4061	Operational and Mathematical Specifications for the Initial ESS Program	12-16-55	H. Benington	U
4062	Design and Static Analysis of Emitter Follower Inverter Combination	12-16-55	T. Meisling	U
M 4063	Minutes of the IRM/LL-SO Concurrence Meeting #18 Held at Lincoln Laboratory December 15, 1955	12-16-55	J. Giordano	U
M 4064	Remarks on Domain Patterns Recently Found in BiMn and SiFe Alloys	12-27-55	J. Giordano	U
4065	Summary of Direction Center Switch Actions	12-28-55	W. Harris B. Kollett	C
4066	Cape Cod System Weekly Operations Schedule	12-20-55	A. Wright	U
4067	Operational Specifications for Simulated Data Generation	1-25-56	J. Levenson	C
4068	Long-Range Radar Data Input Subsystem to Direction Center from So. Truro Site Test Specifications	1-19-56	W. Canty	C

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L069	Procedure for Use of Card Processing Facility	12-19-55	H. Newhall	U
<i>B</i> L070	Bi-Weekly Report for Period Ending December 16, 1955	12-21-56	Division 6 Staff	C
L071	Requirements for Standing Operating Procedures for External Sites in the Experimental Sage Subsector(ESS)	3-23-56	M. DiCarlo-Cottone A. Thomas	C
<i>M</i> L072	Sage System Meeting, December 19, 1955	12-19-55	E. Lundberg	C
L073	Programmer Training Course #5	12-21-55	P. Bragar	U
L074				
L075	Operational Performance Requirements for Sage System	2-2-56	E. Wolf	C
L076	Sage Programming Information Service	12-22-55	P. Bagley	U
L077	Mathematical Specifications for Training and Battle Simulation in the Sage System	2-10-56	S. Hauser R. Russo J. Levenson	C
L078	Test Concepts for Sage Crosstelling Subsystem	1-13-56	Crosstelling Test Team	C
L079	Talos Conference of December 21, 1955 at Wright Air-Development Center	1-3-56	J. Carson	S
L080	Test Pattern Generator for AN/FST-2	1-3-56	W. Canty	U
L081				
L082	Initial Program Specification (IPS) List	1-1-56	D. Pailey	U
<i>M</i> L083	Personnel List for January 1, 1956	1-1-56	Division 6 Staff	U
L084	Test Equipment Committee Meeting of December 19, 1955	1-6-56	L. Sutro	U
<i>B</i> L085	Bi-Weekly Report for Period Ending December 30, 1955	1-1-56	Division 6 Staff	C

No.	Title	Date	Author	Cls.
4086	Mathematical Specifications for the Recording Function in ESS	2-9-56	S. Tower E. Lafferty	C
4087	Magnetic Tape Unit Requirements at a Sage System Direction Center (Draft)	1-18-56	A. Heineck	C
4088	Specification for Air Force Operator Proficiency Required During ESS Shakedown, Revision and Verification Exercise	1-5-56	T. Callahan C. Grandy	C
M 4089	Geometry of Magnetic Memory Elements	1-18-56	J. Childress	U
4090	Study of Status Message Transmission Systems from Talos Missile Sites to Sage	3-23-56	N. Jones	S
4091	Study of the Use of Teletype Facilities for Low Rate Data Transmission to AN/FSQ-7	1-17-56	R. Gerhardt	C
4092	Alteration of S. D. Console for Use with SD Recording Camera, XD-1, -2	1-6-56	L. Prentice L. Sutro et al	U
4093	Comments on LPO First Draft of "Semi-Automatic Ground Environment Test Program Data December, 1955"	1-6-56	H. Kirshner	C
4094	Test Concepts for Sage Ground-to-Air Data Link Subsystem	2-10-56	J. O'Brien I. Aronson	C
M 4095	Minutes of the IBM/SS-SO Concurrence Meeting #50 Held at Lincoln Laboratory January 5, 1956	1-9-56	J. Giordano	U
4096	Height Finder Request Word Problems	2-13-56	J. May	C
M 4097	Sage System Meeting, January 9, 1956	1-9-56	J. Carson	U
4098	Air Defense Indoctrination Series (Third Series)	1-9-56	A. Hill	U
4099	ESS Crosstesting Test During December 1955	1-10-56	C. Watt	C
M 4100	Results of the System Test (Phases V&VI) on the AN/FSQ-7 (XD-1) During November 1955	1-11-56	J. Crane	U

No.6M	Title	Date	Author	Cls.
4101	ESS Height Finding Subsystem Acceptance Test Specifications	1-12-56	T. Sandy et al	C
4102	Test Concept for Sage Wire Communications	1-24-56	F. Irish	C
4103	Test Concepts for Long-Range Radar Data Input Subsystem	3-6-56	W. Canty	C
4104	Syllabus for Sage Familiarization Course 11-24 February 1956	1-13-56	A. P. Hill	U
4105	Search-Radar Mapper Sweep Circuit	1-16-56	B. Barrett	U
4106	Specifications for the AN/FSQ-8 Combat Control Central	1-20-56	W. Squire R. Shorey	U
J 4107	Bi-Weekly Report for Period Ending January 13, 1956	1-20-56	Division 6 Staff	C
4108	Modifications for Converting 60 WPM/TTY Output Section to 100 WPM in AN/FSQ-7	1-17-56	S. Ginsburg	U
4109	High-Speed Flip-Flop (MTC Mod.IV)	3-12-56	N. Ockene	U
4110	Surface-Barrier Transistor Life Tests	12-14-56	D. Eckl R. Burke	U
4111	ESS Utilization of the Manual Height Finders at Pigeon Hill, Martha's Vineyard and So. Truro	1-25-56	A. Thomas	C
4112	Test Equipment Committee Meeting of January 6, 1956	1-20-56	L. Sutro	U
M 4113	Minutes of the IIM-LL/SO Concurrence Meeting #52 Held at Lincoln Laboratory January 19, 1956	1-23-56	J. Giordano	U
4114	Continuation of Programmer Training Provided by IIM	2-1-56	P. Brager	U
M 4115	Sage System Meeting, January 16, 1956	1-16-56	J. Carson	S
M 4116	Sage System Meeting, January 23, 1956	1-23-56	J. Carson	U
4117	Display Group Equipment in M.T.C.	2-3-56	J. Woolf	U

No.6M	Title	Date	Author	Cls.
4118	Latest Drum Bit Layouts for the Input Drums on XD-1 and FSQ-7	1-24-56	T. Puorro	U
4119	Initial Program Specification: Changes in Operational Specifications for Raid Forming in a Sage Direction Center	1-26-56	D. Ladd	C
4120	Initial Program Specification: Additions and Revision of "Operational Specifications for Interim Anti-aircraft Direction in Sage System"	1-26-56	J. Cahill	C
4121	Organization and Responsibilities of Group 61	1-25-56	D. Israel et al	U
4122	Organization and Responsibilities of Group 62	1-24-56	J. O'Brien	U
4123	Organization and Responsibilities of Group 63	1-25-56	D. Brown	U
4124	Organization and Responsibilities of Group 64	2-2-56	E. Rich	U
4125	Responsibilities and Organization of Group 65	1-27-56	P. Youtz	U
4126	Organization and Responsibilities of Group 66	1-25-56	B. Morriss K. McVicar	U
4127	Organization and Responsibilities of Group 67	1-25-56	H. Benington J. Arnow	U
4128	Initial Program Specification: A Guide to Direction Center Operation	2-1-56	G. Hempstead J. Haverly	C
4129	Initial Program Specification: Mathematical Specifications for the Identification Function in Sage	1-26-56	F. Garth S. Hauser	C
4130	Initial Program Specification: Mathematical Specifications for Height Finding	1-26-56	H. Frachtman	C
4131				
4132	Initial Program Specification: Mathematical Specifications for Manual-Data Input Function in Sage	1-27-56	F. Garth S. Hauser	C

No.6M	Title	Date	Author	Cl.
4133	Initial Program Specification: Mathematical Specification for Anti-aircraft Direction in the Sage System	1-27-56	J. Cahill	C
4134	Initial Program Specification: Mathematical Specifications for Radar Data Inputs in a Sage Direction Center	1-27-56	E. Wolf	C
M 4135	Lincoln Laboratory Personnel List February 1, 1956	2-1-56	Division 6 Staff	U
4136	Test Concepts for Sage Automatic Teletype Output Subsystem	3-2-56	I. Aronson C. Watt	C
M 4137	Memory Core Heating by Switching at High Frequencies	1-31-56	J. Childress	U
M 4138	Sage System Meeting, January 30, 1956	1-30-56	J. Carson	U
B 4139	Bi-Weekly Report for Period Ending January 27, 1956	2-2-56	Division 6 Staff	C
M 4140	Group Organization List	2-1-56	Division 6 Staff	U
4141	Guide to Duplex and Standby Computer Operation at a Sage Direction Center	6-28-56	J. Grace H. Bridge et al	C
4142	Use of Magnetic Tape Recorders as Simulated Message Sources for LRI Subsystem Tests in Sage	1-31-56	J. Watson W. Canty	U
4143	ADES-Lincoln Engineering Meeting of January 19, 1956	2-2-56	J. Carson	C
4144	Modification of Operational Specifications to Delete the Capability of Weapons Assignment and Intercept Direction against Raids, Per So	1-16-56	B. Strauss	C
4145	Telephone Directory for the Sage Experimental Subsector	2-1-56	W. Glass	C
4146	General Description of Telephone Facilities in the Display and Auxiliary Consoles	2-6-56	W. Glass	U

No. 6M	Title	Date	Author	Cls.
M 4147	Sage System Meeting February 6, 1956	2-6-56	P. Gray	U
4148	Method of Lighting, Marking and Cleaning of Edge-Lit Plexiglas Display Boards	2-8-56	G. Essler	U
4149	Three Month XD-1 Time Allocation Schedule	2-8-56	C. Watt	C
4150	Mathematical Specification for Sage System Coordinate Transformation of Crosstell Data	3-1-56	E. Wolf	C
4151				
4152	Description of the WWI Crosstell Input System	2-9-56	E. Pughe	U
M 4153	The Noise Problem in the Coincident Current Memory Matrix	2-13-56	J. Childress	U
4154				
4155	Hole Storage in a Saturated Ground-Emitter Transistor Circuit (MS TP)	2-10-56	K. Konkle	U
4156	Initial Program Specification: Operation Specification for Crosstelling in the Sage System	2-13-56	J. Ishihara S. Crnstein	C
4157	Test Concept for the Sage G/A Voice Radio Subsystem	3-21-56	F. Irish	C
B 4158	Bi-Weekly Report for Period Ending February 10, 1956	2-23-56	Division 6 Staff	C
4159	Proposal to Increase G.F.I. Monitor Capacity from 10-to-15 Channels	2-7-56	R. Shorey	C
M 4160	MIT-IBM Maintenance Liaison Meeting #1	2-13-56	C. Watt	U
4161	Specific Proposals for Developing a Technical Control Function in ESS2	2-27-56	C. Watt	U
M 4162	Sage System Meeting, February 13, 1956	2-13-56	P. Gray	C

No.(M)	Title	Date	Author	Cls.
4163	Operation of Situation Display Semi-Automatic (Recording) Camera, AN/FSQ-7 (XD-1 & XD-2)	5-21-56	L. Sutro	U
4164	Test Equipment Committee Meeting of January 27, 1956	2-10-56	L. Sutro	U
4165	Suggested Changes to be Made in the Weapons Assignment Displays(Draft)	2-7-56	F. Garth	C
4166	ESS Systems Engineer	2-16-56	W. Davenport R. Everett C. Wieser	U
4167	Preoperational Checkout before Scheduled Test	2-16-56	C. Watt	U
4168	Film Negatives and Prints for XD-1 Cameras	2-16-56	C. Watt L. Sutro	U
4169	Operating Instructions for the Telephone Key Units at the SSC and D/O Consoles	2-17-56	W. Glass	C
4170	Operating Instructions for the Telephone Units at the FOI, C & E, AC & W, and AAO Consoles	2-17-56	W. Glass	C
4171	Operating Instructions for the Telephone Key Units at the Met. Officer, Liaison and CAA Consoles	2-17-56	W. Glass	C
4172	Operating Instructions for the Telephone Key Units at the SD and SDT Consoles	2-17-56	W. Glass	C
4173	Operating Instructions for the Telephone Key Units at the SWD and SWDT Consoles	2-17-56	W. Glass	C
4174	Operating Instructions for the Telephone Key Units at the ATO and ATT Consoles	2-17-56	W. Glass	C
4175	Operating Instructions for the Telephone Key Units at the WD's and WDT's Consoles	2-17-56	W. Glass	C
4176	Operating Instructions for the Telephone Key Units at the AAD and AADA Consoles	2-17-56	W. Glass	C

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4177	Operating Instructions for the Telephone Key Units at the IND's and INT's Consoles	2-17-56	W. Glass	C
4178	Operating Instructions for the Telephone Key Units at the ASO and AST Consoles	2-17-56	W. Glass	C
4179	Operating Instructions for the Telephone Key Units at the TO and TOT Consoles	2-17-56	W. Glass	C
4180	Operating Instructions for the Telephone Key Units at the IS Console	2-17-56	W. Glass	C
4181	Operating Instructions for the Telephone Key Units at the TI-1 through TI-5 Consoles	2-17-56	W. Glass	C
4182	Operating Instructions for the Telephone Key Units at the TS-1 Console	2-17-56	W. Glass	C
4183	Operating Instructions for the Telephone Key Units at the TS-2 Console	2-17-56	W. Glass	C
4184	Operating Instructions for the Telephone Key Units at the TMS-1 and TMI-1 through TMI-4 Consoles	2-17-56	W. Glass	C
4185	Operating Instructions for the Telephone Key Units at the TMS-2 and TM2-1 through TM2-4 Consoles	2-17-56	W. Glass	C
4186	Operating Instructions for the Telephone Key Units at the OT-1 and OT-2 Consoles	2-17-56	W. Glass	C
4187	Operating Instructions for the Telephone Key Units at the HS Console	2-17-56	W. Glass	C
4188	Operating Instructions for the Telephone Key Units at the HT-1 through HT-5 Consoles	2-17-56	W. Glass	C
4189	Operating Instructions for the Telephone Key Units at the IDO, IDT-1 and IDT-2 Consoles	2-17-56	W. Glass	C

No.6M	Title	Date	Author	Cls.
4190	Operating Instructions for the Telephone Key Units at the MS-1 and MS-2 Consoles	2-17-56	W. Glass	C
4191	Operating Instructions for the Telephone Key Units at the MIS Console and MIS Tables	2-17-56	W. Glass	C
4192	Operating Instructions for the Telephone Key Units at the MIT-1 through MIT-5 Consoles	2-17-56	W. Glass	C
4193	Operating Instructions for the Telephone Key Units at the ASC Console	2-17-56	W. Glass	C
4194	Operating Instructions for the Telephone Key Units at the M & R Console	2-17-56	W. Glass	C
4195	Operating Instructions for the Telephone Key Units at the SIM1, SIM2, SIM3 and SIM SUP Consoles	2-17-56	W. Glass	C
4196	Operating Instructions for the Telephone Key Units at the RM-1 and RM-2 Panels	2-17-56	W. Glass	C
4197	Operating Instructions for the Telephone Key Units at the Maintenance Console-Desk-Display (E20) Console	2-17-56	W. Glass	C
4198				
M 4199	Minutes of the IBM-DCO Concurrence Meeting #54 Held at Lincoln Laboratory February 16, 1956	1-20-56	J. Giordano	U
4200	Miscellaneous Equipment at the Direction Center in the Experimental Sage Subsector	2-1-56	R. Raffa M. Di-Carlo - Cottone	C
4201	Program Numbers	2-21-56	S. Thompson	U
M 4202	Sage System Meeting of February 20, 1956	2-21-56	P. Gray	U
4203	Initial Data Reduction Requirements for FSS Shakedown Exercises	2-27-56	M. Clarke J. Slagle	C

No.	Title	Date	Author	Cls.
4204	Air Defense Indoctrination Lectures (Series Four)	2-10-56	A. Hill	U
4205	XD-1 Input and Output Compatability with Remote Equipment in ESS	3-1-56	R. Shorey	C
4206	Parameter Checkout Subsection	2-24-56	H. Benington P. Vance	U
4207	Standard Operating Procedure for Lincoln Laboratory Technician Handling Film for SD Recording Camera XD-1	3-27-56	L. Sutro	U
<i>B</i> 4208	Bi-Weekly Report for Period Ending February 24, 1956	3-1-56	Division 6 Staff	C
4209	Standard Procedure for Logkeeping of MIT Time on XD-1	2-27-56	C. Watt	U
<i>M</i> 4210	Sage System Meeting of February 27, 1956	2-27-56	P. Gray	U
4211	Specifications for the Octal Loading Program	2-29-56	C. Gaudette	U
<i>M</i> 4212	Lincoln Laboratory Personnel List	3-1-56	Division 6 Staff	U
4213	Group 67 Computer Operation Office	3-15-56	P. Vance	U
4214	Data Organization for Lincoln Utility Systems: Central Tables, Tape and Card Forms, Storage Allocations	3-2-56	P. McIsaac	U
4215	Operational Specifications for the Assemble Communication Pool Program	2-25-56	A. Hills et al	U
4216	Category Switch Labels for AN/FSQ-7 and XD-1 Situation Display Consoles	2-28-56	G. Talpin J. Berman	C
4217	Proposed Design of a Digital CFAR Computer	3-6-56	R. Best T. Meisling	C
<i>M</i> 4218	A Sequential-Access Three-Micro- second Core Memory	3-8-56	T. Meisling R. Best	U
<i>M</i> 4219	Return of Little-Used Division 6 Test Equipment	2-24-56	L. Sutro	U

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4220	Test Equipment Committee Meeting of February 24, 1956	2-24-56	L. Sutro	U
4221				
4222	Error Checking Equipment (Comparator) for Use in LFI Subsystem Checks in Sage	3-1-56	W. Canty	U
4223	Schedule for Experimental Subsector System Testing by Group 64 and Group 22	5-14-56	C. Grandy W. Johnson F. Heart	C
4224	Results of First Two Meetings of the Assembly- Test Committee	3-2-56	H. Benington	C
4225	Minutes of Meeting to Discuss Office Space, Status Board, and Teletype Equipment, February 29, 1956	3-2-56	W. Ayer	U
M 4226	Transients for Cryotron Tree Switch	3-30-56	M. Epstein	U
M 4227	Sage System Meeting, March 5, 1956	3-5-56	P. Gray	C
4228	Operational Specifications for the Read-In Program	3-6-56	M. Sifnas	U
4229	Description of the Lincoln Utility System I	3-7-56	P. Bagley	U
4230	Use of the WWI General Electric Ground-to-Air Data Link Output System	3-9-56	C. Lin	C
4231	Status of Bariated-Nickel Cathode Program	3-6-56	W. Gardner	U
4232				
4233	Changes to Experimental Subsector	3-8-56	J. Forrester C. Overhage	U
4234	Regulations for Preparing Coding Sheets and Flow Diagrams	3-8-56	R. Reiss	U
4235	Organization of Section 40 of Individual Coding Specifications	3-8-56	R. Reiss	U

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4236	Supplements and Corrections to IBM Document PH45-00002, Theory of Programming	3-26-56	P. Bagley T. Fuorro-IBM	U
4237	Digital Display Slot Assignment for AN/FSQ-8	3-31-56	R. Reed	C
4238	Meeting on Communication Facilities to TT-2	3-9-56	C. Carter	C
<i>B</i> 4239	Bi-Weekly Report for Period Ending March 9, 1956	3-16-56	Division 6 Staff	C
4240	Air Defense Indoctrination Lectures (Series Five)	3-12-56	A. Hill	U
<i>M</i> 4241	Sage System Meeting of March 12, 1956	3-12-56	P. Gray	C
4242	ESS Weather Facilities and Test Concepts	4-13-56	S. Hauser et al	C
<i>M</i> 4243	Minutes of the IFM-50 Concurrence Meeting #56 Held at Lincoln Laboratory, March 15, 1956	3-16-56	J. Giordano	U
4244	Vector Message Geographic Display Program 8402	3-21-56	A. Werlin	C
4245	Details of a Proposed Method for Operating XD-1 with Raydist	3-22-56	R. Buzzard	C
4246				
4247				
4248				
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4552				
4253				
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4256				
4257	Category and Display Assignment Bit Assignments for AN/FSQ-8 Si- tuation Display Consoles	4-27-56	R. Reed	C
4258	A Guide to Adaptation Require- ments for the Air Surveillance Functions of a Sage D. C.	5-28-56	P. Stylos	C
4259	Sage Familiarization Course, June 25 to 29, 1956	3-26-56	A. Hill	U
4260	Improving System Operation of the Lincoln Utility System	3-7-56	R. Carmichael BTL	U
4261	Utilizing Additional Drum Fields to Increase Efficiency of Opera- tion in the Lincoln Utility System	3-7-56	R. Carmichael BTL	U
4262				
B 4263	Bi-Weekly Report for Period Ending March 23, 1956	3-29-56	Division 6 Staff	C
4264	Interim Table Simulation	3-12-56	M. McEvoy J. Schwartz	U
4265	G/A Data Link Messages-- Display Program #8401	6-3-56	W. Vollmer WE	C
4266	ID-1 Improvement Study: Preliminary General Observations on Master Ope- rational Active Program Cycle Time Means of Decreasing It	3-27-56	W. Hosier	C

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4267	Test Equipment Committee Meeting of March 16, 1956	3-28-56	H. Hodgdon	U
4268	Investigation of Need for Magnetic Tape Recorders in Sage Subsystem Testing	4-10-56	E. Lundberg	U
4269				
M 4270	XD-1 System Operation and Results of System Test from December 3, 1955 through March 10, 1956	3-28-56	C. Watt	U
M 4271	Sage System Meeting of March 26, 1956	3-26-56	P. Gray	U
4272				
4273	Investigation of Need for Error Checking Equipment (Comparator) in IRI Subsystem Testing In Sage	4-10-56	E. Lundberg	U
4274	Addendum to all Test Concept Memoranda	4-5-56	T. Sandy	U
4275				
4276				
4277				
4278	ESS Shakedown Simulated Problem Design	5-3-56	R. Lawrence J. Coyne	C
M 4279	Sage System Meeting of April 2, 1956	4-2-56	P. Gray	C
4280	Weekly Simulated Problem Requirements for ESS Shakedown Exercises	4-4-56	M. DiCarlo-Cottone	C
4281	General Shakedown Test Requirements	5-18-56	T. Callahan	C
4282	Trip Report Concerning Magnetic Deflection Yokes	4-2-56	H. Zieman	U

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4283				
4284	Establishing Technical Control in ESS: Proposed Space for the Main- tenance Coordinator in Building F	4-5-56	C. Watt	U
4285	Air Defense Indoctrination Lectures (Series Six)	4-5-56	A. Hill	U
B	4286 Bi-Weekly Report for Period Ending April 6, 1956	4-13-56	Division 6 Staff	C
M	4287 Sage System Meeting of April 9, 1956	4-9-56	F. Gray	C
M	4288 Minutes of the IBM-DCO Concurrence Meeting #58 Held at Lincoln Labo- ratory April 5, 1956	4-9-56	J. Giordano	C
B	4289 Epscom Bi-Weekly Report for April 6. 1956	4-9-56	R. Mayer	C
4290	Results of Test on Power System for the AN/FSQ-7 (XD-1) (Phase X)	2-28-56	G. Piantoni	U
4291				
4292	Word Formats	4-16-56	K. Brock	C
4293				
4294	Console Keyboard-Keyboard-Input Matrix Relationship for XD-1 Memo II-- Air Surveillance Room	5-11-56	J. Berman A. Rupp G. Tolpin	C
4295	Console Keyboard-Keyboard-Input Matrix Relationship for XD-1 Memo III---Weapons Direction Room	5-4-56	J. Berman A. Rupp G. Tolpin	C
4296	Console Keyboard-Keyboard-Input Matrix Relationship for XD-1 Memo IV--- Command Post	5-4-56	J. Berman C. Tolpin A. Rupp	C
4297	Console Keyboard-Keyboard-Input Matrix Relationship for XD-1 Rooms T, I, U, M and Computer	5-11-56	G. Tolpin J. Berman A. Rupp	C
4298	Proposed Research Program on Thin Film	4-17-56	A. Loeb	U

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4299				
4300	A Project for the Study of Self-Organizing Data Processing Systems	5-1-56	B. Farley	U
4301	Manning and Resources Needed at McGuire for Operational Program Checkout	4-17-56	P. Bragar J. Carson	C
B 4302	Bi-Weekly Report for Period Ending April 20, 1956	4-26-56	Division 6 Staff	C
4303	Parameters of the GE 2N136 PNP Alloyed Junction Transistor	4-23-56	G. Davidson	U
4304	Division 6 Power Distribution Equipment	4-24-56	M. Bright	U
4305	Time Demands on the AN/FSQ-7(XD-1) Computer During 1957-1958	4-25-56	J. Forrester	C
4306	Equipment Program Services Committee Reorganization	5-1-56	R. Mayer	U
B 4307	Epscom Bi-Weekly Report for April 20, 1956	4-26-56	W. Hodgdon	C
M 4308	Time Cycle for the Initial Sage Operational Computer Program	4-25-56	R. Everett	C
4309	Thyratron D-C Power Supplies for TX-O Computer and Display Development Laboratory	5-2-56	S. Coffin	U
4310	Test Equipment Committee Meeting of April 13, 1956	4-26-56	H. Hodgdon	U
4311	Procedure for Processing Equipment Change Request in Groups 61 & 67	4-28-56	E. Lundberg	U
M 4312	Minutes of the IEM-DCO Concurrence Meeting #60 Held at Lincoln Laboratory April 26, 1956	4-27-56	J. Giordano	U
4313	Long Range Radar Monitor, Bread-Board	4-30-56	J. McCusker	U
4314				

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	4315 MTC Distribution List	5-1-56	A. Vanderburgh	U
M	4316 Sage System Meeting of April 23, 1956	4-23-56	P. Gray	C
M	4317 Sage System Meeting of April 30, 1956	4-30-56	P. Gray	C
	4318 MTC Estimated Time Allocation May 1956 to December 1956	5-5-56	A. Vanderburgh	U
	4319			
	4320			
	4321 AN/FSQ-8 Warning Light and Audible Alarm Bit Assignments	5-7-56	G. Tolpin	U
B	4322 Bi-Weekly Report for Period Ending May 4, 1956	5-11-56	Division 6 Staff	C
B	4323 Epscom Bi-Weekly Report for May 4, 1956	5-10-56	R. Mayer	C
	4324 Syllabus for the Sage Familiarization Course June 25-29, 1956	5-21-56	A. Hill	U
	4325			
	4326 Proposed Change of Operational and Incident Logs under IBM Field Management	5-16-56	P. Harris	U
	4327 Air Force and Army Operator Requirements for Experimental Sub-sector System Testing	6-4-56	J. Coyne	C
M	4328 The Influence of Chemistry on B-H Loop Shape Coercivity, and Flux-Reversal Time in Ferrites	5-16-56	J. Goodenough	U
	4329 Some Characteristics of the Western Electric GA52830(M-2012) Medium Power Transistor	5-16-56	G. Davidson	U
	4330			

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4331	Light Gun Codes and Light Gun Assignments in AN/FSQ-8	5-19-56	A. Rupp J. Berman	U
4332				
4333	Console Keyboard-Keyboard-Input Matrix Relationship for AN/FSQ-7, Memo II Air Surveillance Room	7-13-56	A. Rupp J. Berman	C
4334				
4335	Console Keyboard-Keyboard-Input Matrix Relationship for AN/FSQ-7 Memo IV Command Post	7-20-56	A. Rupp J. Berman	C
4336				
4337	Initial Program Specifications: Mathematical Specifications for Intercept Direction in the Sage System	5-17-56	E. Braude et al	C
4338	Summary of D-C Power Supply Evaluation Studies AN/FSQ-7	5-16-56	S Coffin	U
M 4339	Sage System Meeting May 11, 1956	5-11-56	P. Gray	U
4340	Initial Program Specifications: Mathematical Specifications for Weapons Assignment in the Sage System	5-17-56	E. Braude et al	C
4341	Nomenclature for Consoles and Operating Positions in AN/FSQ-8	5-19-56	J. Berman	C
4342	Pseudo Control Cards for UCF	5-18-56	R. Carmichael (RTL)	U
4343	AN/FSQ-8 Core Matrix Assignments	5-19-56	J. Berman	C
4344	Test Equipment Committee Meeting May 4, 1956	5-21-56	H. Hodgdon	U
B 4345	Epscom Bi-Weekly Report for May 18, 1956	6-5-56	R. Mayer	C
4346	Long Range Radar Subsystem Testing Team Progress Report Week Ending May 13, 1956	5-22-56	D. Meng	C

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B	4347 Bi-Weekly Report for Week Ending May 18, 1956	5-24-56	Division 6 Staff	C
M	4348 Minutes of the IBM-DCO Concurrence Meeting #62 Held at Lincoln Laboratory May 27, 1956	5-21-56	J. Giordano	U
M	4349 Sage System Meeting May 21, 1956	5-21-56	P. Gray	C
	4350 Ground/Air Program	5-22-56	R. Bernards WE J. Wong Rand	C
	4351 Power Requirements in MTC	5-25-56	N.Ockene	U
	4352 Category Switch Labels for AN/FSQ-F Situation Display Consoles	5-28-56	G. Tolpin	C
	4353 Initial Program Specifications: Operational Specifications for Situation Displays in the Sage System	5-28-56	R. Reed	G
	4354 ESS Shakedown Testing Requirements for Photographic Recording	5-25-56	R. Watters	C
M	4355 Sage System Meeting May 28, 1956	5-28-56	P. Gray	C
	4356 An Approach to Reliability Analysis	5-29-56	M. Epstein	U
M	4357 Lincoln Laboratory Personnel List June 1, 1956	6-1-56		U
	4358 Utility Control Console Switch Assignments	5-23-56	P. Bagley	U
B	4359 Epscom Bi-Weekly Report for June 1, 1956	6-7-56	R. Mayer	C
M	4360 Minutes of the IBM-DCO Concurrence Meeting #61 Held at Lincoln Laboratory May 31, 1956	6-4-56	J. Giordano	U
B	4361 Bi-Weekly Report for Week Ending June 1, 1956	6-11-56	Division 6 Staff	C
M	4362 Magnetization Reversal in Thin Films	6-4-56	D. Smith	U
M	4363 Sage System Meeting June 4, 1956	6-4-56	P. Gray	C
	4364 Sage Subsector System Test Committee Final Report	6-11-56	Y. McVicar	S

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4365	Test Equipment Committee Meeting 25, May 1956	6-12-56	H. Hodgdon	U
4366	Minutes of Meeting to Discuss Difficulties with Telephone Cable Routing in Auxiliary Consoles	6-12-56	C. Carter	U
4367	Operational Specifications for Duplex and Standby Computer Operation at a Sage Direction Center	7-6-56	J. Groce et al	C
4368	XD-1 - AN/FSQ-7 Display System Differences	6-19-56	J. Berman	C
M 4369	Minutes of the IBM-DCO Concurrence Meeting #66 Held at Lincoln Laboratory 14, June 1956	6-25-56	J. Giordano	U
B 4370	Bi-Weekly Report for Period Ending June 15, 1956	6-20-56	Division 6 Staff	C
B 4371	Epscom Bi-Weekly Report for June 15, 1956	6-20-56	R. Mayer	C
4372	Maintenance and Trouble-Shooting Standby Equipment in Sage	6-19-56	S. Thompson	U
4373				
4374	Charactron Life-Test Report	6-25-56	P. Tandy	C
4375	Viewing of Film Exposed in XD-1, AN/FSQ-7 and AN/FSQ-8 Cameras	6-25-56	L. Sutro L. Sanford	U
4376	Pseudo Control Cards for the Utility System	6-25-56	P. Bagley	U
M 4377	Sage System Meeting June 18, 1956	6-18-56	P. Gray	U
M 4378	Sage System Meeting June 25, 1956	6-25-56	P. Gray	U
4379	Specifications for Track (Radar) Data Simulation Program (IDS)	6-27-56	H. Rundquist	C
4380	Coding Specifications-Quick Radar Status Recapitulation Program #8905	7-12-56	C. Sherrard-BIL	U

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4381	Coding Specifications-RI Drum Data B- Scan Display Program #8506	7-12-56	C. Sherrard BTL	U
4382	Coding Specifications-IRI Sub-System Single Message Test Program #8953	7-12-56	C. Sherrard BTL	U
4383	Coding Specifications-Data Coordinate Conversion Routine for Height Flight Test Tracking Program Print-Out	7-12-56	C. Sherrard BTL	U
4384				
M 4385	Lincoln Laboratory Personnel List July 1, 1956	7-1-56	Division 6 Staff	U
B 4386	Bi-Weekly Report for Period Ending June 29, 1956	7-5-56	Division 6 Staff	C
4387	Lecture Series on the Sage Operational Specifications(Series I)	7-3-56	A. Hill	U
4388	DCA Program Timing Considerations Affecting Input Simulation	7-11-56	A. Shoolman	C
4389	Additional Testing Efforts in the First Module McGuire, Stewart, Syracuse	7-6-56	W. Ayer et al	C
4390	Heat Dissipator Characteristics	7-9-56	E. Cohler	U
4391				
4392				
4393				
4394				

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4395	Lecture Series on the Sage Operational Specifications(Series II)	7-10-56	A. Hill	U
4396	Sage System Meeting, July 9, 1956	7-11-56	P. Bragar	C
4397	Sage on Site Air Defense Program Checkout Schedule	7-11-56	K. McVicar D. Langfield(Rand)	S
4398	Test Equipment Committee Meeting, June 15, 1956	7-11-56	H. Hodgdon	U
4399	Specifications for a Keyboard Input Simulation	7-17-56	H. Rundquist	U
4400	Memory Test Computer-Program for Read-In of Binary	7-16-56	M. Fichter	U
4401	Memory Test Computer-Program for Punching Binary Cards	7-16-56	M. Fichter	U
4402	Bi-Weekly Report for Period Ending July 13, 1956	7-18-56	Division 6 Staff	C
4403	MTC Symbolic Floating Address Assembler Program	7-17-56	M. Long (Rand) T. Olsen	U
4404				
4405				
4406				
4407				
4408	Program Requirements for ESS Combined Program Equipment Testing and System Shakedown Testing	7-24-56	M. DiCarlo-Cottone W. Johnson	C
4409	Master's Thesis Proposal: Frequency Dependence of Ferrites at Moderate Field Intensities	7-25-56	M. Cerier	U
4410	Sage System Meeting July 16, 1956	7-25-56	P. Bragar	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls</u>
4411	Sage System Meeting of July 23, 1956	7-25-56	P. Gray	C
4412	Height Finder Addressing Problem	7-25-56	S. Ginsburg	C
4413				
4414				
4415				
4416	MTC Purchase of a Closed Circuit TV System	7-27-56	H. Ziegler	U
4417	Bi-Weekly Report for Period En- ding July 27, 1956	8-1-56	Division 6 Staff	C
4418				
4419	Sage System Meeting of July 30, 1956	7-30-56	P. Gray	U
4420	The Expanded WWI High-Speed Memory	7-31-56	D. Morrison	U
4421	Use of 704 Computer for Divi- sion 6 Sage Tasks	7-31-56	K. McVicar B. Morriss	U
4422				
4423	Group 66 Training Document: Intro- duction to the Lincoln Utility System (Mod. II)	8-1-56	J. Croke	U
4424	Group 66 Training Document: Utility Com Pool	7-31-56	R. Shorey	U
4425	Test Equipment Committee Meeting of July 13, 1956	7-2-56	H. Hodgdon	U

The 6M-5000 Numbers which follow were used as a Block by Groups 61 and 62 for their joint interests. The Block use is now Completed.

No.6M	Title	Date	Author	Cls.
5000	Sage Test Program Reporting Program	4-28-55	Sage Test Committee	U
5001	Outline and Work Items for 1954 Cape Cod System Test Program	4-6-55	D. Israel et al.	C
5002	Sage Test Committee Meeting #1	4-14-55	Sage Test Office	C
5003	Computer Programs and Facilities Required for the Test and Evaluation of the Experimental Sage Subsector	4-27-55	Sage Test Committee	C
5004	Preliminary Outline of Test Program for Experimental Sage Subsector	4-27-55	Sage Test Office	C
5005	Computer Time Requirements for Test Program of Experimental Sage Subsector	4-28-55	Sage Test Committee	C
5006	Specifications for Initial Series of Tracking-Monitoring Tests	4-8-55	J. Nolan	C
5007	Sage Test Committee Meeting #2	4-28-55	Sage Test Office	C
5008	Initiation Studies and Test	1-14-55	D. Israel	C
5009	Test Specifications: Track Initiation Study with Single Coverage SDV Data Series A	5-1-55	J. Levenson	C
5010	General Considerations of the Radar Data Input Problem with Applications to the 1954 Cape Cod System	1-11-55	E. Wolf	C
5011	Procedures and Program Specifications to Compare 1954 Cape Cod System Track Data with Raydist Measurements	2-16-55	W. Lemnios	C
5012	Test Specifications: B-29 Tracking Accuracy Tests, Non-Maneuvering Courses	4-8-55	W. Lemnios	C
5013	Test Specifications: Interceptor Tracking Accuracy Tests, Non-Maneuvering Courses	4-8-55	W. Lemnios	C
5014	Survey of Test Required for the Evaluation of Interception Function in the 1954 Cape Cod System	6-1-55	D. Israel W. Lemnios	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
5015	Data Collection for Noise Studies	11-2-54	D. Israel	C
5016	Specifications of Processing Programs for Noise Studies	5-5-54	W. Wells D. Israel	C
5017	Status of SDV Data Collection for Noise Studies	6-20-55	S. Manber	C
5018	Program Specifications for Data Generation Program	12-8-54	J. Nolan J. Levenson E. Wolf	C
5019	Some Post-Test Data-Reduction Programs for the 1954 Cape Cod System	3-14-55	J. Levenson	C
5020	Test Specifications: Initial Mapping Study (Revision of 6M-3481, March 28, 1955)	5-24-55	W. Harris	C
5021	Test Specifications: Cross-Tell Function of the Manual Input Room	5-10-55	J. Keith Smith	U
5022	Planned ECM Activities for 1954 Cape Cod Test Program	6-3-55	D. Israel	C
5023	Sage Test Committee Meeting #3	6-8-55	Sage Test Office	C
5024	Plan for Initial Period of ESS Test Program	6-6-55	Sage Test Committee	C
5025	Program Specification for Recording SDV Data Inputs on Raytheon Tape (Work Item 5.30.03)	5-16-55	Sage Test Committee	C
5026	Program Specification for Displaying Information on Isolation of Radar Returns	5-9-55	Sage Test Committee	C
5027	Procedures for Preparation of Simulated Data Input Tapes for Use in the 1954 Cape Cod System	6-17-55	A. Smalley E. McEvoy	C
5028	Test Specifications: Interception Series I, Part A	6-21-55	D. Yntema	C
5029	Simulated Data Reference Program	6-22-55	A. Mathiason J. Nolan	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
5030	Test Specifications:B-47 Tracking Accuracy Tests, Non-Maneuvering Courses	6-23-55	M. Curran	C
5031	Sage Test Committee Meeting #4	7-13-55	Sage Test Committee	C
5032	Test Specifications:B-29 Tracking Accuracy Tests Maneuvering Courses	7-11-55	M. Smith M. Curran	C
5033	Test Specifications for Interception Series 2,3 and 4	8-10-55	F. Graham A. Budd	C
5034	Multiple SDV Prints-Heavy Radar (BTL Memo)	6-3-55	Sage Test Committee	C
5035	Post-Test Data Reduction for the Interception Studies	8-5-55	F. Graham	C
5036				
5037	Failure Reporting in Air Force and Applicability to Cape Cod System	8-29-55	C. Uskavitch	U
5038	Effect of Association Between Radar Data from Successive Scans on Probability of Track Initiation in the Sage System	8-2-55	J. Stewart BTL	C
5039	Great Circle Distances and Bearings between 1954 Cape Cod System Radar Sites with Overlapping Coverage	8-2-55	W. Butler BTL	C
5040	Measurement of SDV Returns from Weather in Selected Regions of Radar Coverage	8-2-55	W. Rohn BTL	C
5041	Table for Radar Track Simulation	8-2-55	P. Olmstead BTL	U
5042	A Technique for Measuring Areas of Weather Clutter	8-3-55	J. Drinan	U
5043	Frequency of Occurrence of Weather Clutter on L Band Radar	8-4-55	V. Nedzel J. Drinan	C
5044	MPS-4 Height Finder Analyses	8-12-55	R. Benedict	C

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
5045	Scan-to-Scan Associates of Radar Returns from Aircraft	8-2-55	P. Olmstead BTL	U
5046	Occurrence of Multiple Radar Signals in the SDV System	8-9-55	P. Olmstead BTL	C
5047	Location of Radar at Montauk, New York	8-9-55	W. Butler BTL	C
5048	Collection of Radar Data for Noise Studies	8-9-55	E. Ennis BTL	C
5049	1954 Cape Cod Test Program Schedules	8-8-55	A. Nedzel W. Wells	C
5050	Analysis of Radar Returns Resulting from Weather	8-16-55	E. Ennis BTL	C
5051	Reliability of Digital Data Transmission Via a Federal Type 10B Microwave Circuit	8-11-55	J. Uskavitch	U
5052	Radar Coordinates	8-11-55	G. Harris	C
5053	Variability of Weather Clutter	8-15-55	J. Uskavitch	C
5054	Sage Test Committee Meeting #5	8-29-55	Sage Test Office	C
5055	Data on Equipment Troubles in the Lincoln System	8-16-55	A. Herchmans E. Ennis BTL	U
5056				
5057	Performance Monitoring Program	9-19-55	J. Uskavitch	U
5058	Air Traffic Observed by Gap-Filler	10-24-55	J. Uskavitch	C
5059	Preliminary Results of Simulation of the Lincoln Vectoring System on the NIP Simulator	9-7-55	R. Giloth BTL	C
5060	A Relationship between Sampling Rate and Accuracy of Data	2-1-56	H. Neuman W. Wells	C
5061	Test Program Use of MISP	8-30-55	J. Nolan	C
5062	General Raydist Equations	9-14-55	G. Sponsler	U
5063				

No.6M	Title	Date	Author	Cls.
5064	Use of B-57 Aircraft in Flight Test	10-1-55	V. Nedzel	C
5065	Comparison of MISP and BTL Simulation Results	9-7-55	W. Wells H. Neumann	C
5066	Summary Report of the 1953 Cape Cod System Tests	11-1-55	E. Martin BTL	S
5067	Survey of Systems Operations Tests	9-6-55	W. Wells	C
5068	Fundamental Requirements for Tests of 1954 Cape Cod System	9-8-55	E. Ennis BTL	C
5069	Estimation of Radar Clutter Due to Precipitation	9-15-55	H. Krist BTL	C
5070	Interceptor Vulnerability Limits for NIP Simulation of Lincoln System	11-3-55	D. Bomberger BTL	S
5071	Vectoring Limits for a Two-Variable Presentation of Interceptor Vectoring	11-3-55	W. Rohm BTL	C
5072				
5073	Test Specifications: System Operation Tests. Series I	10-10-55	G. Lewitzky	C
5074	Initiation Studies and Tests	10-11-55	H. Keit	C
5075	Initiation Tests: Series I	10-18-55	H. Keit J. Williams	C
5076	Initiation Test Specifications, Series II	10-18-55	J. Williams	C
5078				
5079	The Occurrence of Precipitation Clutter on FPS-3 Radars	12-5-55	F. Ditto J. Curtiss	S
5080	Azimuth Angle Error Due to Tilted Antenna	12-8-55	R. Gold	U
5081				

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
5082				
5083				
5084	Test Specifications: Intercept Tracking Accuracy Test Maneuvering Courses	12-28-55	M. Curran	C

No.6M	Title	Date	Author	Cls.
5300	ESS Planning Coordination Center	1-11-56	E. Lundberg	U
5301	ESS-PCC Status Report for Week Ending 20, January 1956	1-20-56	E. Lundberg	C
5302	ESS-PCC Status Report for Week Ending 27, January 1956	1-27-56	E. Lundberg	C
5303	Request for Statements of Scopes of Work Relating to ESS Integration and Operation	1-31-56	N. Daggett H. Kirshner	U
5304	ESS-PCC Approval of Proposal on ESS Utilization of Manual Height Finders	2-21-56	ESS-PCC E. Lundberg	C
5305	Preliminary ESS Summary Schedules	2-3-56	N. Daggett H. Mercer	C
5306	ESS-PCC Status Report for Week Ending 3, February 1956	2-6-56	E. Lundberg	U
5307				
5308	Cursory Examination of Problems Involved in ESS System Saturation Tests	3-12-56	ESS-PCC H. Krishner	C
5309	ESS-PCC Status Report for Week Ending 10, February 1956	2-13-56	E. Lundberg	U
5310	ESS-PCC Status Report for Week Ending 17, February 1956	2-20-56	ESS-PCC E. Lundberg	U
5311				
5312				
5313	ESS-PCC Status Report for Week Ending 24 February 1956	2-24-56	ESS-PCC E. Lundberg	U
5314	ESS-PCC Status Report for Week Ending 2 March 1956	3-2-56	ESS-PCC H. Mercer	U
5315	ESS-PCC Status Report for Week Ending 9 March 1956	3-9-56	ESS-PCC H. Mercer	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
5316	Groups 21, 38 and 311 Participation in ESS	3-21-56	ESS-PCC H. Mercer	U
5317	ESS Summary Schedules	3-16-56	ESS-PCC N. Daggett H. Mercer	C
5318	ESS-PCC Status Report for Week Ending 16, March 1956	3-16-56	ESS-PCC H. Mercer	U
5319	ESS-PCC Status Report for Week Ending 23, March 1956	3-23-56	ESS-PCC H. Mercer	U
5320	Long Range XD-1 Time Allocation Schedule	5-22-56	ESS-PCC J. Watson et al	C
5321	ESS-PCC Status Report for Week Ending 30, March 1956	3-30-56	H. Mercer ESS-PCC	U
5322	ESS Summary Schedule	4-6-56	H. Mercer	C
5323	ESS-PCC Status Report for Week Ending 6, April 1956	4-6-56	ESS-PCC H. Mercer	U
5324	ESS-PCC Status Report for Week Ending 13, April 1956	4-16-56	ESS-PCC H. Mercer	U
5325	ESS-PCC Status Report for Week Ending 20, April 1956	4-20-56	ESS-PCC H. Mercer	U
5326	ESS-PCC Status Report for Week Ending 27, April 1956	5-1-56	ESS-PCC H. Mercer	U
5327	ESS Summary Schedule	5-3-56	H. Mercer	C
5328	ESS-PCC Status Report for Week Ending 4, May 1956	5-7-56	H. Mercer	U
5329	ESS-PCC Status Report for Week Ending 11, May 1956	5-15-56	H. Mercer	U
5330	ESS-PCC Status Report for Week Ending 18, May 1956	6-18-56	H. Mercer	U
5331	ESS Boundaries	5-21-56	R. Buzzard	S
5332				
5333	ESS-PCC Status Report for Week Ending 25, May 1956	5-28-56	H. Mercer	U

<u>No.6M</u>	<u>Title</u>	<u>Date</u>	<u>Author</u>	<u>Cls.</u>
5334	Orientation of Gap Fillers in ESS	5-28-56	J. Watson	U
5335	ESS Summary Schedule	6-4-56	ESS-PCC H. Mercer	C
5336	ESS-PCC Status Report for Week Ending 1 June 1956	6-4-56	ESS-PCC H. Mercer	U
5337	ESS-PCC Status Report for Week Ending 8 June 1956	6-13-56	ESS-PCC H. Mercer	U
5338	ESS-PCC Status Report for Week Ending 15 June 1956	6-18-56	ESS-PCC H. Mercer	U
5339	ESS-PCC Status Report for Week Ending 22 June 1956	6-25-56	ESS-PCC H. Mercer	U
5340	ESS-PCC Status Report for Week Ending 29 June 1956	7-3-56	ESS-PCC H. Mercer	U
5341	ESS-PCC Status Report for Week Ending 6 July 1956	7-11-56	ESS-PCC R. Wetherbee	U
5342	ESS Summary Schedule	7-13-56	ESS-PCC H. Mercer	C
5343	ESS-PCC Status Report for Week Ending 20 July 1956	7-23-56	ESS-PCC R. Wetherbee	U
5344	ESS-PCC Status Report for Week Ending 27 July 1956	7-31-56	ESS-PCC R. Wetherbee	U