

ARCHIVES COLLECTION NO. 6

WHIRLWIND I COMPUTER
MIT PROJECT 6345

Whirlwind I Computer
Massachusetts Institute of Technology
Lincoln Laboratory

Archives Collection No. 6

Donor: R. R. Everett, J. F. Jacobs, Division VI Document Room
Restriction: MITRE Personnel

Contract N5 ori 60, Project 6345
AF 19(122)-458

Project Whirlwind was sponsored by the Special Devices Center of the Office of Naval Research under Contract N5 ori 60. The original objective of the Project was the development of a device that would simulate airplanes in flight. As the Project progressed, other applications of the computer evolved.

Whirlwind I was of the high-speed electronic digital type, in which quantities were represented as discrete numbers and complex problems were solved by the repeated use of fundamental arithmetic and logical operations. Computations were executed by fractional-microsecond pulses in electronic circuits, of which the principal ones were the flip-flop, the gate coincidence circuit and the magnetic-core memory. Whirlwind I used numbers of 16 binary digits, this length was selected to limit the machine to a practical size.

The Whirlwind I Computer was utilized by such projects as Navy Fire Control, Air Traffic Control, the Cape Cod System, Experimental SAGE Sector, and many others. Whirlwind I spawned two computers, the MTC (memory test computer) and TX-0 (transistor computer), both developed by Group 63.

AC-6 Archives has Index only; collection sent to Smithsonian.
Museum of History and Technology, Division of Mathematics, Electronic Computers
History Collection (File #68).

29 boxes

The Whirlwind I Computer was leased to the Wolf Research and Development Corporation, West Concord, Massachusetts, under Navy Lease Contract Nonr-2956(00) in 1963

Project Dates: 1945 - 1958

AC #6 contains 2,516 items, and is arranged in chronological order. The items in this collection are classified Secret, Confidential and Unclassified

April 1965

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SUMMARY REPORTS		Apr 46	Project Whirlwind (Device RF-12) - Summary Report No. 1		U	66 55
		Nov 47	Project Whirlwind - Summary Report No. 2: The Whirlwind Program, Part I - Volume 1 of 22 Volumes		C	30
		Nov 47	Project Whirlwind - Summary Report No. 2: The Whirlwind Program, Part II Volume 2 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 (Reprint of Summary Report No. 1)		U	28
		Nov 47	Project Whirlwind - Summary Report No. 2 - Introductory Material - Volume 4 of 22 Volumes		U	30
		4 Sep 47	Project Whirlwind - Summary Report No. 2 - Whirlwind I Computer Block Diagrams (R-127, Volume 1) - Volume 5 of 22 Volumes		CU	30
		4 Sep 47	Project Whirlwind - Summary Report No. 2 - Whirlwind I Computer Block Diagrams (R-127, Volume 2) - Volume 6 of 22 Volumes		CU	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Block Diagrams, Part III - Volume 7 of 22 Volumes		CU	21

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
SUMMARY REPORTS (con't)		Nov 47	Project Whirlwind - Summary Report No. 2 - Mathematics - Volume 8 of 22 Volumes		U	4
		Nov 47	Project Whirlwind - Summary Report No. 2 - Storage Tubes (Part I) - Volume 9 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Storage Tubes (Part II) - Volume 10 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Input and Output (Part I) - Volume 11 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Input and Output (Part II) - Volume 12 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - System Drawings - Volume 13 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Aircraft Simulation - Volume 14 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Crystals, Flip-Flop Circuits, A. C. Coupling - Volume 15 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Vacuum Tubes - Volume 16 of 22 Volumes		U	30

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
SUMMARY REPORTS (con't)		Nov 47	Project Whirlwind - Summary Report No. 2 - High Speed Switches - Volume 17 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Pulse Transformers - Volume 18 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Test Equipment and Miscellaneous Circuits - Volume 19 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Iconoscope Studies - Volume 20 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Pulsed Lights (Part I) - Volume 21 of 22 Volumes		U	30
		Nov 47	Project Whirlwind - Summary Report No. 2 - Pulsed Lights (Part II) - Volume 22 of 22 Volumes		U	21
		Dec 47	Project Whirlwind (Device 24-X-3) Summary Report No. 3		U	10
		Jan 48	Project Whirlwind (Device 24-X-3) Summary Report No. 4		U	37
Feb 48	Project Whirlwind (Device 24-X-3) Summary Report No. 5	U	39			

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
SUMMARY REPORTS (con't)		Mar 48	Project Whirlwind (Device 24-X-3) Summary Report No. 6		U	1
		Apr 48	Project Whirlwind (Device 24-X-3) Summary Report No. 7		U	7
		May 48	Project Whirlwind (Device 24-X-3) Summary Report No. 8		U	37
		Jun 48	Project Whirlwind (Device 24-X-3) Summary Report No. 9		U	7
		Jul 48	Project Whirlwind (Device 24-X-3) Summary Report No. 10		U	39
		Aug 48	Project Whirlwind (Device 24-X-3) Summary Report No. 11		U	12
		Sep 48	Project Whirlwind (Device 24-X-3) Summary Report No. 12		U	11
		Oct 48	Project Whirlwind (Device 24-X-3) Summary Report No. 13		U	10
		Nov 48	Project Whirlwind (Device 24-X-3) Summary Report No. 14		U	6
		Dec 48	Project Whirlwind (Device 24-X-3) Summary Report No. 15		U	37

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SUMMARY REPORTS (con't)		Jan 49	Project Whirlwind (Device 24-X-3) Summary Report No. 16		U	179
		Feb 49	Project Whirlwind (Device 24-X-3) Summary Report No. 17		U	179
		Mar 49	Project Whirlwind (Device 24-X-3) Summary Report No. 18		U	12
		Apr-Jun 49	Project Whirlwind (Device 24-X-3) Summary Report No. 19 - Second Quarter, 1959		U	3
		Jul-Sep 49	Project Whirlwind (Device 24-X-3) Summary Report No. 20 - Third Quarter, 1949		U	205
		Oct-Dec 49	Project Whirlwind (Device 24-X-3) Summary Report No. 21 - Fourth Quarter, 1949		U	232
		Jan-Mar 50	Project Whirlwind (Device 24-X-3) Summary Report No. 22 - First Quarter, 1950		U	207
		Apr-Jun 50	Project Whirlwind (Device 24-X-3) Summary Report No. 22 - Second Quarter, 1950		U	236

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
SUMMARY REPORTS (con't)		Jul-Sep 50	Project Whirlwind (Device 24-X-3) Summary Report No. 24 - Third Quarter, 1950		U	223
		Oct-Dec 50 Jan-Mar 51	Project Whirlwind (Device 24-X-3) Summary Report No. 25 - Fourth Quarter, 1950 and First Quarter 1951		U	261
		Apr-Jun 51	Project Whirlwind (Device 24-X-3) Summary Report No. 26 - Second Quarter, 1951		U	11
		Jul-Sep 51	Project Whirlwind - Summary Report No. 27 - Third Quarter, 1951		U	
		Oct-Dec 51	Project Whirlwind - Summary Report No. 28 - Fourth Quarter, 1951		U	
		Jan-Mar 52	Project Whirlwind - Summary Report No. 29 - First Quarter, 1952		U	
		Apr-Jun 52	Project Whirlwind - Summary Report No. 30 - Second Quarter, 1952		U	
		Jul-Sep 52	Project Whirlwind - Summary Report No. 31 - Third Quarter, 1952		U	

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SUMMARY REPORTS (con't)		Oct-Dec 52	Project Whirlwind - Summary Report No. 32 - Fourth Quarter, 1952		U	
		Jan-Mar 53	Project Whirlwind - Summary Report No. 33 - First Quarter, 1953		U	
		Apr-Jun 53	Project Whirlwind - Summary Report No. 34 - Second Quarter, 1953		U	
		Jul-Sep 53	Project Whirlwind - Summary Report No. 35 - Third Quarter, 1953		U	
		Oct-Dec 53	Project Whirlwind - Summary Report No. 36 - Fourth Quarter, 1953		U	
		Jan-Mar 54	Project Whirlwind - Summary Report No. 37 - First Quarter, 1954		U	
		Apr-Jun 54	Project Whirlwind - Summary Report No. 38 - Second Quarter, 1954		U	
		Jul-Sep 54	Project Whirlwind - Summary Report No. 39 - Third Quarter, 1954		U	
		Oct-Dec 54	Project Whirlwind - Summary Report No. 40 - Fourth Quarter, 1954		U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
SUMMARY REPORTS (con't)		Jan-Mar 55	Machine Methods of Computation and Numerical Analysis Quarterly Progress Report No. 15 - March 15, 1955 and Project Whirlwind - Summary Report No. 41 - First Quarter, 1955		U	
		Apr-Jun 55	Machine Methods of Computation and Numerical Analysis Quarterly Progress Report No. 16 - June 15, 1955 and Project Whirlwind - Summary Report No. 42 - Second Quarter, 1955		U	
		Jun-Sep 55	Machine Methods of Computation and Numerical Analysis Quarterly Progress Report No. 17 - September 15, 1955 and Project Whirlwind - Summary Report No. 43 - Third Quarter, 1955		U	
		Sep-Dec 55	Machine Methods of Computation and Numerical Analysis Quarterly Progress Report No. 18 - December 15, 1955 and Project Whirlwind - Summary Report No. 44 - Fourth Quarter, 1955		U	
		Dec 55 Mar 56	Machine Methods of Computation and Numerical Analysis Quarterly Progress Report No. 19 - March 15, 1956 and Project Whirlwind - Summary Report No. 45 - First Quarter, 1956		U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
SUMMARY REPORTS (con't)		Mar-Jun 56	Machine Methods of Computation and Analysis Quarterly Progress Report No. 20 - June 15, 1956 and Project Whirlwind - Summary Report No. 46 - Second Quarter, 1956		U	
		Jun-Sep 56	Machine Methods of Computation and Analysis Report No. 21 - September 16, 1956, and Project Whirlwind - Summary Report No. 47 - Third Quarter, 1956		U	
		Sep-Dec 56	Project Whirlwind - Summary Report No. 48 - Fourth Quarter, 1956		U	
		Dec 56 - Mar 57	Project Whirlwind - Summary Report No. 49 - First Quarter, 1957		U	
		Mar-May 57	Project Whirlwind - Summary Report No. 50 - Second Quarter, 1957		U	
BI-WEEKLY REPORTS	M-185	15 Dec 47	Bi-Weekly Report, Part I December 15, 1947	J. W. Forrester	U	
	M-186	15 Dec 47	Bi-Weekly Report Part II, December 15, 1947	J. W. Forrester	U	
	M-202	2 Jan 48	Bi-Weekly Report, Part I, December 26, 1947	J. W. Forrester	U	

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BI-WEEKLY REPORTS (con't)	M-203	2 Jan 48	Bi-Weekly Report, Part II, December 26, 1947	J. W. Forrester	U	
	M-209	12 Jan 48	Bi-Weekly Report, Part I, January 9, 1948	J. W. Forrester	U	
	M-210	12 Jan 48	Bi-Weekly Report, Part II, January 9, 1948	J. W. Forrester	U	
	M-220	27 Jan 48	Bi-Weekly Report, Part I, January 23, 1948	J. W. Forrester	U	
	M-221	27 Jan 48	Bi-Weekly Report, Part II, January 23, 1948	J. W. Forrester	U	
	M-237	2 Feb 48	Bi-Weekly Report, Part I, February 6, 1948	J. W. Forrester	U	
	M-238	9 Feb 48	Bi-Weekly Report, Part II, February 6, 1948	J. W. Forrester	U	
	M-245		Bi-Weekly Report, Part I, February 20, 1948	J. W. Forrester	U	
	M-246		Bi-Weekly Report, Part II, February 20, 1948	J. W. Forrester	U	
	M-267		Bi-Weekly Report, Part I, March 5, 1948	J. W. Forrester	U	
M-268		Bi-Weekly Report, Part II, March 5, 1948	J. W. Forrester	U		

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BI-WEEKLY REPORTS (con't)	M-310		Bi-Weekly Report, Part I, March 19, 1948	J. W. Forrester	U	
	M-311		Bi-Weekly Report, Part II, March 19, 1948	J. W. Forrester	U	
	M-331		Bi-Weekly Report, Part I, April 2, 1948	J. W. Forrester	U	
	M-332		Bi-Weekly Report, Part II, April 2, 1948	J. W. Forrester	U	
	M-363		Bi-Weekly Report, Part I, April 16, 1948	J. W. Forrester	U	
	M-364		Bi-Weekly Report, Part II, April 16, 1948	J. W. Forrester	U	
	M-389		Bi-Weekly Report, Part I, April 30, 1948	J. W. Forrester	U	
	M-390		Bi-Weekly Report, Part II, April 30, 1948	J. W. Forrester	U	
	M-416		Bi-Weekly Report, Part I, May 14, 1948	J. W. Forrester	U	
	M-417		Bi-Weekly Report, Part II, May 14, 1948	J. W. Forrester	U	

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BI-WEEKLY REPORTS (con't)	M-447		Bi-Weekly Report, Part I, May 28, 1948	J. W. Forrester	U	
	M-448		Bi-Weekly Report, Part II, May 28, 1948	J. W. Forrester	U	
	M-470		Bi-Weekly Report, Part I, June 11, 1948	J. W. Forrester	U	
	M-471		Bi-Weekly Report, Part II, June 11, 1948	J. W. Forrester	U	
	M-508		Bi-Weekly Report, Part I, June 25, 1948	J. W. Forrester	U	
	M-509		Bi-Weekly Report, Part II, June 25, 1948	J. W. Forrester	U	
	M-530		Bi-Weekly Report, Part I, July 9, 1948	J. W. Forrester	U	
	M-531		Bi-Weekly Report, Part II, July 9, 1948	J. W. Forrester	U	
	M-552		Bi-Weekly Report, Part I, July 23, 1948	J. W. Forrester	U	
	M-553		Bi-Weekly Report, Part II, July 23, 1948	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-567		Bi-Weekly Report, Part I, August 6, 1948	J. W. Forrester	U	
	M-568		Bi-Weekly Report, Part II, August 6, 1948	J. W. Forrester	U	
	M-585		Bi-Weekly Report, Part I, August 20, 1948	J. W. Forrester	U	
	M-586		Bi-Weekly Report, Part II, August 20, 1948	J. W. Forrester	U	
	M-604		Bi-Weekly Report, Part I, September 3, 1948	J. W. Forrester	U	
	M-605		Bi-Weekly Report, Part II, September 3, 1948	J. W. Forrester	U	
	M-615		Bi-Weekly Report, Part I, September 17, 1948	J. W. Forrester	U	
	M-616		Bi-Weekly Report, Part II, September 17, 1948	J. W. Forrester	U	
	M-630		Bi-Weekly Report, Part I, October 1, 1948	J. W. Forrester	U	
	M-631		1 Oct 48	Bi-Weekly Report, Part II	J. W. Forrester	U
M-647			Bi-Weekly Report, Part 1, October 15, 1948	J. W. Forrester	U	

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BI-WEEKLY REPORTS (con't)	M-648	15 Oct 48	Bi-Weekly Report, Part II	J. W. Forrester	U	
	M-668		Bi-Weekly Report, Part I, October 29, 1948	J. W. Forrester	U	
	M-669		Bi-Weekly Report, Part II, October 29, 1948	J. W. Forrester	U	
	M-683		Bi-Weekly Report, Part I, November 12, 1948	J. W. Forrester	U	
	M-684		Bi-Weekly Report, Part II, November 12, 1948	J. W. Forrester	U	
	M-706		Bi-Weekly Report, Part I, November 26, 1948	J. W. Forrester	U	
	M-707		Bi-Weekly Report, Part II, November 26, 1948	J. W. Forrester	U	
	M-730		Bi-Weekly Report, Part I, December 10, 1948	J. W. Forrester	U	
	M-731		Bi-Weekly Report, Part II, December 10, 1948	J. W. Forrester	U	
	M-743		Bi-Weekly Report, Part I, December 24, 1948	J. W. Forrester	U	
M-744		Bi-Weekly Report, Part II, December 24, 1948	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-752		Bi-Weekly Report, Part I, January 7, 1949	J. W. Forrester	U	
	M-753		Bi-Weekly Report, Part II, January 7, 1949	J. W. Forrester	U	
	M-763		Bi-Weekly Report, Part I, January 21, 1949	J. W. Forrester	U	
	M-764		Bi-Weekly Report, Part II, January 21, 1949	J. W. Forrester	U	
	M-775		Bi-Weekly Report, Part I, February 4, 1949	J. W. Forrester	U	
	M-776		Bi-Weekly Report, Part II, February 4, 1949	J. W. Forrester	U	
	M-789		Bi-Weekly Report, Part I, February 18, 1949	J. W. Forrester	U	
	M-790		Bi-Weekly Report, Part II, February 18, 1949	J. W. Forrester	U	
	M-796		Bi-Weekly Report, Part I, March 4, 1949	J. W. Forrester	U	
	M-797		Bi-Weekly Report, Part II, March 4, 1949	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-805		Bi-Weekly Report, Part I, March 18, 1949	J. W. Forrester	U	
	M-806		Bi-Weekly Report, Part II, March 18, 1949	J. W. Forrester	U	6
	M-825		Bi-Weekly Report, Part I, April 1, 1949	J. W. Forrester	U	7
	M-826		Bi-Weekly Report, Part II, April 1, 1949	J. W. Forrester	U	
	M-832		Bi-Weekly Report, Part I, April 15, 1949	J. W. Forrester	U	
	M-833		Bi-Weekly Report, Part II, April 15, 1949	J. W. Forrester	U	
	M-841		Bi-Weekly Report, Part I, April 29, 1949	J. W. Forrester	U	
	M-842		Bi-Weekly Report, Part II, April 29, 1949	J. W. Forrester	U	
	M-850		Bi-Weekly Report, Part I, May 13, 1949	J. W. Forrester	U	
	M-851		Bi-Weekly Report, Part II, May 13, 1949	J. W. Forrester	U	
	M-856		Bi-Weekly Report, May 27, 1949	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-860		Bi-Weekly Report, June 10, 1949	J. W. Forrester	U	
	M-869		Bi-Weekly Report, June 24, 1949	J. W. Forrester	U	
	M-875		Bi-Weekly Report, July 8, 1949	J. W. Forrester	U	
	M-881		Bi-Weekly Report, July 22, 1949	J. W. Forrester	U	
	M-887		Bi-Weekly Report, August 5, 1949	J. W. Forrester	U	
	M-889		Bi-Weekly Report, August 19, 1949	J. W. Forrester	U	
	M-897		Bi-Weekly Report, September 2, 1949	J. W. Forrester	U	
	M-899		Bi-Weekly Report, September 16, 1949	J. W. Forrester	U	
	M-903		Bi-Weekly Report, September 30, 1949	J. W. Forrester	U	
	M-908		Bi-Weekly Report, October 14, 1949	J. W. Forrester	U	
	M-917		Bi-Weekly Report, October 28, 1949	J. W. Forrester	U	
	M-928		Bi-Weekly Report, November 10, 1949	J. W. Forrester	U	
	M-931		Bi-Weekly Report, November 25, 1949	J. W. Forrester	U	
	M-951		Bi-Weekly Report, December 9, 1949	J. W. Forrester	U	
M-960		Bi-Weekly Report, December 23, 1949	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-964		Bi-Weekly Report, January 6, 1950	J. W. Forrester	U	
	M-973		Bi-Weekly Report, January 20, 1950	J. W. Forrester	U	
	M-980		Bi-Weekly Report, February 3, 1950	J. W. Forrester	U	
	M-985		Bi-Weekly Report, February 17, 1950	J. W. Forrester	U	
	M-998		Bi-Weekly Report, March 3, 1950	J. W. Forrester	U	
	M-1004		Bi-Weekly Report, March 17, 1950	J. W. Forrester	U	
	M-1014		Bi-Weekly Report, March 31, 1950	J. W. Forrester	U	
	M-1025		Bi-Weekly Report, April 14, 1950	J. W. Forrester	U	
	M-1030		Bi-Weekly Report, April 28, 1950	J. W. Forrester	U	
	M-1040		Bi-Weekly Report, May 12, 1950	J. W. Forrester	U	
	M-1047		Bi-Weekly Report, May 26, 1950	J. W. Forrester	U	
	M-1053		Bi-Weekly Report, June 9, 1950	Project Whirlwind	U	
	M-1057		Bi-Weekly Report, June 23, 1950	Project Whirlwind	U	
	M-1064		Bi-Weekly Report, July 7, 1950	Project Whirlwind	U	
	M-1071		Bi-Weekly Report, Project 6345, July 21, 1950	Project Whirlwind	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-1082		Bi-Weekly Report, Project 6345, August 4, 1950	Project Whirlwind	U	
	M-1088		Bi-Weekly Report, Project 6345, August 18, 1950	Project Whirlwind	U	
	M-1092		Bi-Weekly Report, Project 6345, September 1, 1950	Project Whirlwind	U	
	M-1096		Bi-Weekly Report, Project 6345, September 15, 1950	Project Whirlwind	U	
	M-1103		Bi-Weekly Report, Project 6345, September 29, 1950	Project Whirlwind	U	
	M-1112		Bi-Weekly Report, Project 6345, October 13, 1950	Project Whirlwind	U	
	M-1119		Bi-Weekly Report, Project 6345, October 27, 1950	Project Whirlwind	U	
	M-1125		Bi-Weekly Report, Project 6345, November 10, 1950	Project Whirlwind	U	
	M-1131		Bi-Weekly Report, Project 6345, November 27, 1950	Project Whirlwind	U	
	M-1136		Bi-Weekly Report, Project 6345, December 8, 1950	Project Whirlwind	U	
M-1139		Bi-Weekly Report, Project 6345, December 27, 1950	Project Whirlwind	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-1147		Bi-Weekly Report, Project 6345, January 5, 1951	Project Whirlwind	U	
	M-1153		Bi-Weekly Report, Project 6345, January 19, 1951	Project Whirlwind	U	
	M-1159		Bi-Weekly Report, Project 6345, February 2, 1951	Project Whirlwind	U	
	M-1168		Bi-Weekly Report, Project 6345, February 16, 1951	Project Whirlwind	U	
	M-1174		Bi-Weekly Report, Project 6345, March 2, 1951	Project Whirlwind	U	
	M-1183		Bi-Weekly Report, Project 6345, March 16, 1951	Project Whirlwind	U	
	M-1188		Bi-Weekly Report, Project 6345, March 30, 1951	Project Whirlwind	U	
	M-1202		Bi-Weekly Report, Project 6345, April 13, 1951	Project Whirlwind	U	
	M-1206		Bi-Weekly Report, Project 6345, April 27, 1951	Project Whirlwind	U	
	M-1215		Bi-Weekly Report, Project 6345, May 11, 1951	Project Whirlwind	U	
M-1219		Bi-Weekly Report, Project 6345, May 25, 1951	Project Whirlwind	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-1228		Bi-Weekly Report, Project 6345, June 8, 1951	Project Whirlwind	U	
	M-1233		Bi-Weekly Report, Project 6345, June 22, 1951	Project Whirlwind	U	
	M-1241		Bi-Weekly Report, July 6, 1951	Laboratory Staff	U	
	M-1248		Bi-Weekly Report, July 20, 1951	Laboratory Staff	U	
	M-1252		Bi-Weekly Report, August 6, 1951	Laboratory Staff	U	
	M-1255		Bi-Weekly Report, August 17, 1951	Laboratory Staff	U	
	M-1259 ⁶		Bi-Weekly Report, August 31, 1951	Laboratory Staff	U	
	M-1278		Bi-Weekly Report, September 14, 1951	Laboratory Staff	U	
	M-1290		Bi-Weekly Report, September 28, 1951	Laboratory Staff	U	
	M-1298		Bi-Weekly Report, October 12, 1951	Laboratory Staff	U	
	M-1306		Bi-Weekly Report, October 26, 1951	Laboratory Staff	U	
	M-1326		Bi-Weekly Report, November 9, 1951	Laboratory Staff	U	
	M-1336		Bi-Weekly Report, November 23, 1951	Laboratory Staff	U	
	M-1348		Bi-Weekly Report, December 7, 1951	Laboratory Staff	U	
	M-1357		Bi-Weekly Report, December 21, 1951	Laboratory Staff	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-1364		Bi-Weekly Report, January 4, 1952	Laboratory Staff	U	
	M-1378		Bi-Weekly Report, January 18, 1952	Laboratory Staff	U	
	M-1386		Bi-Weekly Report, February 1, 1952	Laboratory Staff	U	
	M-1399		Bi-Weekly Report, February 15, 1952	Laboratory Staff	U	
	M-1415		Bi-Weekly Report, February 29, 1952	Laboratory Staff	U	
	M-1426		Bi-Weekly Report, March 14, 1952	Laboratory Staff	U	
	M-1435		Bi-Weekly Report, March 28, 1952	Laboratory Staff	U	
	M-1455		Bi-Weekly Report, April 11, 1952	Laboratory Staff	U	
	M-1467		Bi-Weekly Report, April 25, 1952	Laboratory Staff	U	
	M-1484		Bi-Weekly Report, May 9, 1952	Laboratory Staff	U	
	M-1503		Bi-Weekly Report, May 23, 1952	Laboratory Staff	U	
	M-1517		Bi-Weekly Report, June 6, 1952	Laboratory Staff	U	
	M-1537		Bi-Weekly Report, June 20, 1952	Laboratory Staff	U	
	M-1546		Bi-Weekly Report, July 3, 1952	Laboratory Staff	U	
	M-1560		Bi-Weekly Report, July 18, 1952	Laboratory Staff	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-1575		Bi-Weekly Report, August 1, 1952	Laboratory Staff	U	
	M-1599		Bi-Weekly Report, August 15, 1952	Laboratory Staff	U	
	M-1619		Bi-Weekly Report, August 29, 1952	Laboratory Staff	U	
	M-1639		Bi-Weekly Report, September 12, 1952	Laboratory Staff	U	
	M-1651		Bi-Weekly Report, September 26, 1952	Laboratory Staff	U	
	M-1667		Bi-Weekly Report, October 10, 1952	Laboratory Staff	U	
	M-1692		Bi-Weekly Report, October 24, 1952	Laboratory Staff	U	
	M-1713		Bi-Weekly Report, November 7, 1952	Laboratory Staff	U	
	M-1730		Bi-Weekly Report, November 21, 1952	Laboratory Staff	U	
	M-1745		Bi-Weekly Report, December 5, 1952	Laboratory Staff	U	
	M-1766		Bi-Weekly Report, December 19, 1952	Laboratory Staff	U	
	M-1779		Bi-Weekly Report, January 2, 1953	Laboratory Staff	U	
	M-1799		Bi-Weekly Report, January 16, 1953	Laboratory Staff	U	
	M-1818		Bi-Weekly Report, January 30, 1953	Laboratory Staff	U	
	M-1852		Bi-Weekly Report, February 13, 1953	Laboratory Staff	U	
	M-1878		Bi-Weekly Report, February 27, 1953	Laboratory Staff	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
BI-WEEKLY REPORTS (con't)	M-1911		Bi-Weekly Report, March 13, 1953	Laboratory Staff	U	
	M-1937		Bi-Weekly Report, March 27, 1953	Laboratory Staff	U	
	M-1953		Bi-Weekly Report, April 10, 1953	Laboratory Staff	U	
	M-1997		Bi-Weekly Report, April 24, 1953	Laboratory Staff	U	
	M-2155		Bi-Weekly Report, May 8, 1953	Laboratory Staff	U	
REPORTS AND CORRESPONDENCE	R-71	7 Aug 45	DC Voltage Regulator	B. B. Drisko	U	
	R-68	1 Oct 45	Transformer Field Tests - Investigation of the Strength of the Magnetic Field Produced by Transformers Under Simulated Conditions of Normal Operation	M. Florencourt	U	
	Letter	19 Oct 45	To Ordnance Officer-in-Charge, Maspeth Annex, Navy Yard, New York - re: Request for Equipment in Connection with Contract NOa(s)7082	J. W. Forrester	U	
	C-1	22 Oct 45	ASCA Conference I - Accuracy of Wind Tunnel Data and Sensitivity of Solution Wednesday - October 24, 1945 9:00 - 10:30 A. M.	S. H. Dodd L. Bernbaum	U	
	E-1	23 Oct 45	Development Schedules	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-2	24 Oct 45	ASCA Conference I - Accuracy of Wind Tunnel Data and Sensitivity of Solution	L. Bernbaum S. H. Dodd	U	
	Memo	28 Oct 45	To R. R. Everett: Frequency Modulated Servo Program	J. W. Forrester	U	
	C-3	Oct 45	ASCA Conference 2 - Input Data Required to Properly Represent Parameters: Method of Introduction of Data, and if by Potentiometers, Required Types of Potentiometers	S. H. Dodd L. Bernbaum	U	
	C-4	30 Oct 45	ASCA Conference 2 - Representation and Introduction of Input Data	K. B. Tuttle	U	
	D-1	30 Oct 45	Phase-Sensitive Detector	B. B. Drisko	U	
	D-2	30 Oct 45	Frequency Servo Overall Schedule	R. R. Everett	U	
	D-3	30 Oct 45	Frequency Servo Analysis	W. S. Loud	U	
	D-4	30 Oct 45	Frequency Servo, Voltage-Frequency Characteristics of Induction Motors	M. Florencourt	U	
	D-5	30 Oct 45	Frequency Servo, Phase Sensitive Detector	B. B. Drisko	U	
	D-6	30 Oct 45	Frequency Servo, 3-Phase Modulator	B. B. Drisko	U	
	D-7	30 Oct 45	Frequency Servo, Network Components	R. R. Everett	U	
	D-8	30 Oct 45	Frequency Servo, Power Stage	R. R. Everett	U	
	D-9	30 Oct 45	Frequency Servo Test	J. O'Brien	U	
D-10	30 Oct 45	Frequency Servo, Servo Motor	R. R. Everett	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	R-64	31 Oct 45	ASCA Equations (see R64, Rev. 1 dtd. 4 April 1946, 6345 file)	L. Bernbaum J. Bicknell	C	NN
	R-70	31 Oct 45	Response of Networks to Modulated Sinusoidal Inputs	W. S. Loud	U	
	R-84	1 Nov 45	Regulated Power Supply	J. O' Brien	U	
	C-6	14 Nov 45	Conference on Techniques of Computation held November 9, 1945	K. B. Tuttle	U	
	R-69	15 Nov 45	Phase Measurements	H. P. Hollnagel	U	
	R-86	15 Nov 45	Noise Level Rack Tests	K. B. Tuttle	U	
	C-5	Nov 45	ASCA Conference 3 - Aerodynamics	S. H. Dodd	U	
	Letter	16 Nov 45	To J. W. Walsh, Radiation Laboratory M. I. T. - re: Personnel Experienced in Radar Techniques	J. W. Forrester	U	
	E-2	20 Nov 45	Discussion of the M.I.T. Differential Analyzer, given by Dr. S. H. Caldwell at a Seminar Sponsored by the Mechanical Engineering Department, November 16, 1945	K. B. Tuttle	U	
	Letter	21 Nov 45	To Navy Department, Office of Research and Inventions, Boston, Mass., re: Request for Radiation Laboratory Reports	J. W. Forrester	U	
	C-9	28 Nov 45	Outline of Discussion on Digital Computation as Applied to the Aircraft Analyzer	J. W. Forrester	C	NN

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-8	29 Nov 45	6345 Conference of November 26, 1945	S. H. Dodd	U	
	E-3	5 Dec 45	Lecture Notes - Part I - Mathematical Analysis by Mechanical Methods, by Professor S. H. Caldwell	K. B. Tuttle	U	
	Letter	6 Dec 45	To Navy Department, Office of Research and Inventions, Special Devices Division Washington - re: Test Equipment - w/atch: Navy Dept. Office of Research and Inventions letter of 9 January 1946; Navy Dept; Special Devices Division letter of 11 February 1946	J. W. Forrester	U	
	R-95	7 Dec 45	NLT Rack Amplifier Tests	K. B. Tuttle	U	
	D-11	11 Dec 45	Coder	S. Dodd	U	
	D-12	11 Dec 45	Time Signal Generator	L. D. Wilson	U	
	Letter	14 Dec 45	To Navy Department, Office of Research and Inventions, Boston - re: Radiation Laboratory Reports	J. W. Forrester	U	
	Letter	17 Dec 45	To Professor J. C. Slater, M.I.T. - re: Loan of Physics Department Staff to Project 6345	J. W. Forrester	U	
	Letter	17 Dec 45	To Professor H. B. Phillips, M.I.T. re: Loan of Mathematics Department Staff to Project 6345	J. W. Forrester	U	
Letter	26 Dec 45	To Navy Department, Office of Research and Inventions, Boston, Mass., re: Request of Radiation Laboratory Reports	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	4 Jan 46	To Professor J. D. Mitsch, M.I.T. re: Oscilloscope	J. W. Forrester	U	
	Letter	4 Jan 46	To J. W. Forrester - Servomechanisms Laboratory MIT - re: Radiation Laboratory Reports	Navy Dept. - Office Research & Inven- tions	U	
	Letter	11 Jan 46	To J. W. Forrester, Servomechanisms Laboratory, M.I.T. - re: Radiation Laboratory Reports	Navy Dept. Office Research & Inven- tions	U	
	R-90	15 Jan 46	The Binary System of Numbers	M. Florencourt	U	
	Letter	16 Jan 46	To Bureau of Aeronautics, Navy Dept. Washington - re: DuMont Oscillograph	Ofc. for Emergency Management - Nat'l Defense Res. Comm. Ofc of Scientific Res. & Development	U	
	R-76	18 Jan 46	Frequency Servo, Voltage - Frequency Characteristics of Induction Motors	M. Florencourt	U	
	R-77	21 Jan 46	Frequency Servo Oscillator	B. Drisko	U	
	R-75	22 Jan 46	Frequency Servo, Three-Phase Modulator	B. Drisko	U	
	D-13	1 Feb 46	Scope Reader	B. Drisko	U	
	R-92	1 Feb 46	Cambridge Thermionic Company Coil Forms, Inductance Tuned	H. C. Lang	U	
E-4	1 Feb 46	Differential Equations - Lecture Notes Part II - Mathematical Analysis by Mechanical Methods by Professor S. H. Caldwell	K. B. Tuttle	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-5	6 Feb 46	Conference Held at Naval Research Laboratories to Discuss Storage Tubes	J. W. Forrester	U	
	Letter	7 Feb 46	To Alden Products Co., Brockton, Mass. re: Facsimile Recording Equipment - w/atch: Alden Products - Letter dated February 20, 1946 and Brochures	P. D. Tilton	U	
	Letter	7 Feb 46	To General Electric Company, Schenectady N. Y., - re: Oscillographs - w/atch General Electric letter dated February 25, 1946 and Brochures - P.D. Tilton letter dated March 14, 1946	P. D. Tilton	U	
	Letter	7 Feb 46	To Glenn L. Martin Co., Baltimore, Md. re: GLM Dynamics Measurement Equipment - w/atch: Glenn L. Martin letter dated March 22, 1946 and Brochures	P. D. Tilton	U	
	Letter	7 Feb 46	To Heiland Research Corp., Denver, Colorado, - re: 6 Trace Portable Oscillograph - w/atch: Heiland Research Letter dated February 13, 1946 with Brochure and P.D. Tilton letter dated March 14, 1946	P. D. Tilton	U	
	Letter	8 Feb 46	To Consolidated Engineering Corp., Pasadena, California - re: 14-Trace Recording Oscillograph - w/atch: Consolidated Engineering Letter dated March 5, 1946 with Brochure; P. D. Tilton letter dated March 14, 1946	P. D. Tilton	U	
	Letter	8 Feb 46	To Fairchild Camera and Instrument Corp. N. Y. - re: Automatic Radar Recording Camera - w/atch: Fairchild Letter dated May 21, 1946	P. D. Tilton	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	8 Feb 46	To Faxfilm Co., Cleveland, Ohio re: Faxfilm Method, w/atch: Faxfilm letter dated February 14, 1946 with Brochure	P. D. Tilton	U	
	Letter	8 Feb 46	To Hathaway Instrument Co., Denver, Colorado - re: Multi-Channel Recording Oscillographs - w/atch: Hathaway Instrument letter dated Feb. 11, 1946 with Brochure; P. D. Tilton letter dated March 14, 1946	P. D. Tilton	U	
	Letter	8 Feb 46	To The Houston Corp., Los Angeles, California - re: Model 11, 16-Milli- meter Film Processor, w/atch: Houston letter dated February 19, 1946 with Brochure	P. D. Tilton	U	
	Letter	8 Feb 46	To National Photocolor Corp., New York, N. Y. - re: Beam-Splitting Pellicles w/atch: National Photo-color letter dated February 14, 1946; P.D. Tilton letter dated March 14, 1946	P. D. Tilton	U	
	C-10	11 Feb 46	Coordinating Committee Conference	J. W. Forrester	U	
	R-94	12 Feb 46	Some Psychiatric Observations on Cockpit Design	R. Holder, MD	U	
	Letter	13 Feb 46	To J. W. Forrester, Servomechanisms Laboratory re: Microfilms of PB4Y2 and R4D Airplanes	Navy Dept. Office Research & Inven- tions	U	
	E-6	19 Feb 46	Operating Instructions for Square Wave Generator	G. D. Forbes	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	D-14	26 Feb 46	Regulator Valve	C. H. Rider	U	
	D-16	26 Feb 46	Transmission of Forces from Controls to CFL	C. H. Rider	U	
	E-7	26 Feb 46	Additional Symbols Required for ASCA	P. D. Tilton	U	
	D-15	27 Feb 46	Disk and Sector for Converting Shaft Rotation into Binary Numbers	C. H. Rider	U	
	R-80	1 Mar 46	Frequency Servo Test	J. O'Brien	U	
	E-8	1 Mar 46	Cockpit Program	J. W. Forrester	U	
	Letter	4 Mar 46	To Jay W. Forrester, Servomechanisms Laboratory - re: Microfilm for the C-46 Airplane	Navy Dept. Ofc. of Research & Inventions	U	
	R-89	4 Mar 46	Timing Signal Generator for Digital Computer	L. D. Wilson	U	
	R-100	4 Mar 46	Method of Cockpit Mounting and Actuating Mechanism	J. B. Swett	U	
	E-9	4 Mar 46	Discussion of Electronic Circuit Program	J. W. Forrester	U	
	E-10	4 Mar 46	Experimental Pulse Coder	J. W. Forrester	U	
	M-1	4 Mar 46	Procurement of Supplies	J. W. Forrester	U	
	A-3	5 Mar 46	Electronic Staff	J. W. Forrester	U	
	A-4	6 Mar 46	Development Schedules	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	R-98	7 Mar 46	Constants and Curves for a Twin Engine Airplane (called Model A) for Analyzer Equations	S. H. Dodd	U	
	R-93	8 Mar 46	Rise Time of Coaxial Cable Response	J. O'Brien	U	
	R-74	12 Mar 46	Thyratron Control, Partial Report on 60-Cycle Rate Voltage Operation	H. C. Lang	U	
	Letter	14 Mar 46	To Consolidated Engineering Corp., Pasadena, California - re: 5401A Recording Oscillograph and 18-Trace Recording Oscillograph - w/atch: Consolidated Engineering letter dated March 22, 1946 with Chart	P. D. Tilton	U	
	D-17	18 Mar 46	Low Frequency Computer Demonstrator	J. O'Brien	U	
	A-9	18 Mar 46	Reports, Schedules and Meetings	H. R. Boyd	U	
	E-11	19 Mar 46	Demonstration of G. E. Oscillographs	P. D. Tilton	U	
	Letter	20 Mar 46	To Westinghouse Air Brake Company, Pa., re: Hydraulic Servomechanisms - w/atch: MIT Telegram dated March 21, 1946; MIT Telegram dated March 22, 1946; Westinghouse Telegram dated March 28, 1946	J. W. Forrester	U	
	A-10	20 Mar 46	6345 Stock Room	H. R. Boyd	U	
	M-5	20 Mar 46	Interim Report on Scope Recorder	B. Drisko	U	
	A-11	21 Mar 46	Electronic Equipment Being Moved from Building 32	H. R. Boyd	U	
	D-18	22 Mar 46	Overall Schedule for Storage Tube Investigation	S. H. Dodd	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-8	26 Mar 46	Gaussian (Addition and Subtraction) Logarithms	K. B. Tuttle	U	
	A-12	27 Mar 46	Instrument Changes	J. W. Forrester	U	
	A-13	27 Mar 46	Pulse Transformers	J. W. Forrester	U	
	M-65	31 Mar 46	Solution of Simplified ASCA on WWI	H. Fahnestock	U	
	E-13	3 Apr 46	Block Diagram Group	R. R. Everett	U	
	R-64 - Rev. 1	4 Apr 46	ASCA Equations (see R-64 dtd. 31 Oct 45, 6345 file)	L. Bernbaum J. Bicknell	U	
	R-99	4 Apr 46	Design of the Mechanical System for Transmitting Control Forces from Loading Equipment to Cockpit Controls	A. H. Shairman	U	
	M-6	4 Apr 46	Model A Airplane, Simplified Equations of Motion	H. Fahnestock	U	
	M-7	8 Apr 46	Power Supplies	H. R. Boyd	U	
	C-11	9 Apr 46	General Meeting of Staff Members of Project 6345	J. W. Forrester	U	
	E-14	12 Apr 46	Mathematics Group	H. R. Boyd	U	
	M-9	24 Apr 46	Conference with RCA Vacuum Tube Representatives, Messrs: J.H. Halgren, J. T. Wilson, and J. P. Driver on April 3, 1946	J. W. Forrester	U	
	M-11	24 Apr 46	Approximation of Empirical Functions (Preliminary Investigation)	K. B. Tuttle	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Memo	29 Apr 46	Discussion with H. P. Yockey, North American Aviation Concerning the Possible Application of the Aircraft Analyzer to Guided Missile Control	J. W. Forrester	U	
	M-10	29 Apr 46	The ENIAC at the University of Pennsylvania	J. W. Forrester	U	
	M-12	1 May 46	Clarification of Some Points on Digital Computation	P. D. Tilton	U	
	Letter	3 May 46	To Navy Dept., Office of Research and Inventions, Washington - re: Request for Equipment - w/atch: Progress Sheets on Types of Equipment; Navy Correspondence on Request	J. W. Forrester	U	
	E-15	6 May 46	Use of the Word "Programs"	P. D. Tilton for Block Schematic Grp.	U	
	M-13	6 May 46	Block Schematic Group	P. D. Tilton	U	
	M-14	10 May 46	Block Schematics	P. D. Tilton	U	
	E-17	14 May 46	Transformation of Axes	L. Bernbaum H. Fahnestock	U	
	Letter	20 May 46	To R. R. Everett, Servomechanisms Laboratory M.I.T. - re: Selectron RCA's memo Tube	Naval Ordnance Lab., Maryland	U	
	M-15	21 May 46	S. D. Rich's Submarine Signal	J. W. Forrester	U	
M-16	21 May 46	Cyclophon Tube (Federal Telephone & Telegraph)	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-17	21 May 46	Dan Atchley, Sylvania (Visit to)	J. W. Forrester	U	
	C-12	10 Jun 46	General Meeting of Staff Members of Project 6345	J. W. Forrester	U	
	M-18	10 Jun 46	Talk with Mr. S. D. Rich, Submarine Signal	T. F. Wimett	U	
	M-19	12 Jun 46	Two-Stage Potentiometer Multiplier	R. L. Brown	U	
	Letter	13 Jun 46	To Navy Department, Office of Research and Inventions, Boston - re: Equipment Transfer	J. W. Forrester	U	
	E-18	13 Jun 46	Clock-pulse Generator, One Megacycle, Crystal-Controlled	D. R. Brown	U	
	C-13	17 Jun 46	Report on Visit to RCA and Institute for Advance Study, Princeton, N. J.	M. G. Lattin	U	
	E-19	18 Jun 46	RCA Selectron Storage Tube	J. W. Forrester	U	
	Letter	21 Jun 46	To Lt. C. F. Hilly, MIT - re: Procurement of Television Transmitters - w/atch: MIT Letter dated June 27, 1946; Navy Dept. Letter dated 22 July 1946	J. W. Forrester	U	
	E-21	Jul 46	Division 9, Subcommittee on Drawing Standards and Codes	P. D. Tilton	U	
	M-20	1 Jul 46	Pulse Shape Control Circuits, Drawing B39052	J. W. Forrester	U	
Letter	2 Jul 46	To Lt. C. F. Hilly, MIT - re: Request for Voltmeters - w/atch: Confirmation of Receipt	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-20	2 Jul 46	Scope Reader, Completion Report	B. B. Drisko	U	
	A-16	15 Jul 46	Electronics Group	J. W. Forrester	U	
	M-21	18 Jul 46	Low Frequency Demonstration Adder	L. D. Wilson	U	
	E-23	19 Jul 46	Demonstration Low-Frequency Adder	T. F. Wimett	U	
	R-103	25 Jul 46	Discussions of Functions in Aircraft Equations of R-64-1, and R-98 by Aerodynamics Group	H. Fahnestock	U	
	R-101	26 Jul 46	Low Frequency Computer Demonstrator	J. O'Brien	U	
	R-104	30 Jul 46	Static Characteristic - Curves for Western Electric 6AS6 Vacuum Tube	R. H. Murch	U	
	M-22	5 Aug 46	Single-Trace Oscillograph	R. L. Brown for Elec. Research Group	U	
	M-23	7 Aug 46	Power Supplies	R. L. Brown	U	
	E-25	8 Aug 46	A Program for the Computer, Switching and Engineering Divisions	D. R. Brown	U	
	E-24	12 Aug 46	Description of Computer System - Type 1A	P. D. Tilton	U	
	Memo	19 Aug 46	Contract NXsa 97713 - Western Electric Company - TS-239/UP Oscilloscope - Allocation of	Navy Dept. - Bureau of Supplies and Accounts	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	23 Aug 46	To R. R. Everett, Servomechanisms Laboratory - Subj: Proposal of Conference on Storage Tube Development - w/atch: R. R. Everett Reply dated 26 August 1946	Special Devices Div. Office of Research & Inventions, N. Y.	U	
	Letter	30 Aug 46	Summary of Unfilled Equipment Requirement for Project N5ori60	H. R. Boyd	U	
	M-24	9 Sep 46	Activities of the Computer - Circuits, Switching and Electronic Engineering Divisions for the Month of August	D. R. Brown	U	
	E-26	16 Sep 46	Specifications for the Computer, Switching and Engineering Program	D. R. Brown	U	
	Memo	17 Sep 46	Camera Lenses (supplement to 45JWF 36)	J. W. Forrester	U	
	Memo	19 Sep 46	Notes on Camera Procurement (supplement to 43 JWF 36)	J. W. Forrester	U	
	Letter	19 Sep 46	To Office of Naval Research, MIT - re: Request for Type O-5A Cameras (Fairchild) (ref. ONR ltr - 11/7/46)	J. W. Forrester	U	
	Letter	19 Sep 46	To: Office of Naval Research, MIT - re: Request for Mark 8 Illuminated Sight w/atch	J. W. Forrester	U	
	M-25	2 Oct 46	Activities of the Computer - Circuits Switching and Electronic Engineering Divisions for the Month of September	D. R. Brown	U	
	E-27	4 Oct 46	Time-Pulse Generator Type 2	B. B. Drisko	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-28	4 Oct 46	Pulse Delay and Deshaper	B. B. Drisko	U	
	A-17	4 Oct 46	High Voltage Power Supplies	J. W. Forrester	U	
	Memo	8 Oct 46	Proposal for Recording and Control of Borrowed Equipment - w/atch: dated 9 October 1946 by J.W. Forrester	F. C. Hutchinson	U	
	C-14	9 Oct 46	Staff Conference, October 7, 1946	J. W. Forrester	U	
	C-15	9 Oct 46	Coding of Aircraft Flight Equations	H. Fahnestock	U	
	C-16	14 Oct 46	Outline of a Test System for Computer Circuits	D. R. Brown	U	
	C-17	16 Oct 46	Discussion of Some Counters, Adders and Trigger Circuits	L. D. Wilson	U	
	C-18	21 Oct 46	Numerical Solution of Vibration Equations	W. S. Loud	U	
	M-26	22 Oct 46	Storage Tube Program	J. W. Forrester	U	
	C-19	23 Oct 46	Part I - Report of Laboratory Work Part II - Report of Proposed Storage Tube Program	S. H. Dodd J. W. Forrester	U	
	C-20	28 Oct 46	Pulse Transformer Investigation	T. F. Wimett	U	
	Letter	29 Oct 46	To: Division of Industrial Corp., MIT - re: Request for Power Supply No. RA58A	H. R. Boyd	U	
A-18	31 Oct 46	Procurement of Machine Parts	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-21	Nov 46	Pulse Light Sources (Conferences on October 30th and November 4th)	R. L. Brown	U	
	A-19	5 Nov 46	Photography	J. W. Forrester	U	
	M-27	5 Nov 46	Activities of the Computer-Circuits, Switching, and Electronic - Engineering Divisions for the Month of October	D. R. Brown	U	
	C-22	6 Nov 46	Discussion of a Parallel Computer	R. R. Everett	U	
	E-29	6 Nov 46	Storage Tubes, Phone Discussion with Dr. Rajchman, RCA	J. W. Forrester	U	
	Letter	7 Nov 36	To: Office of Naval Research, Boston Branch - re: Servomechanisms Laboratory Request for Fairchild Recording Camera - w/atch	Office of Naval Research, Wash.	U	
	M-28	8 Nov 46	Laboratory Cleaning	H. R. Boyd	U	
	C-23	13 Nov 46	General Wind Tunnel Talk	L. Bernbaum	U	
	M-30	13 Nov 46	Model I Storage Tube Tests	S. H. Dodd	U	
	M-32	18 Nov 46	Numerical Solution Method	W. S. Loud	U	
	C-24	20 Nov 46	A High-Speed Parallel Digit Multiplier	L. D. Wilson	U	
	M-33	20 Nov 46	Prototype Computer Plans	H. Fahnestock	U	
	M-34	20 Nov 46	Progress Report of Storage Tube, Model 1, as of November 19, 1946	P. Youtz	U	
	M-35	20 Nov 46	Preparation of Samples for Anodizing	J. O. Ely	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-36	21 Nov 46	Progress Report - Aluminum Oxide Surfaces	P. Youtz	U	
	M-37	22 Nov 46	Prototype Computer Meeting, November 21st	H. Fahnestock	U	
	R-107	26 Nov 46	Photo-Tube Matrix for Conversion of Stored Data to Video Signals	J. O. Ely	U	
	M- 38	27 Nov 46	Tests on Anodized Aluminum Surfaces	J. R. MacDonald	U	
	Letter	27 Nov 46	To: Special Devices Center, Office of Naval Research, N. Y. - Subj: Regarding Eastman-Kodak Company Proposal for Digital Computer Components	J. W. Forrester	U	
	Letter	27 Nov 46	To: Professor S. H. Caldwell, MIT - w/atch: M-40, Theses Available at Servomechanisms Laboratory	J. W. Forrester	U	
	Letter	27 Nov 46	To: Research Laboratory of Electronics, Cambridge - re: Electrostatic Storage Tube Work	J. W. Forrester	U	
	Letter	29 Nov 46	To: N.Mcl Sage, MIT - re: Space for Aircraft Analyzer and Electronic Computer	J. W. Forrester	U	
	C-25	2 Dec 46	Pre-Prototype Computer	H. Fahnestock	U	
	A-20	4 Dec 46	Machine Design	J. W. Forrester	U	
	A-21	6 Dec 46	Technicians' Assignment Changes	H. R. Boyd	U	
	M-42	9 Dec 46	Storage Tube Research Program	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-43	10 Dec 46	Pre-Prototype Status Report	H. Fahnestock	U	
	M-44	13 Dec 46	Progress Report of Storage Tube 2, as of December 12, 1946	P. Youtz		
	M-45	13 Dec 46	Progress Report of Storage Tube, Model 1, as of December 13, 1946	P. Youtz	U	
	R-109	17 Dec 46	Gate Circuits	D. R. Brown	U	
	M-47	17 Dec 46	Pre-Prototype Computer Meeting	H. Fahnestock	U	
	M-46	18 Dec 46	Preparation of Metallic Coatings for Grid Structure	J. R. MacDonald	U	
	M-48	18 Dec 46	Potential Field Mapping	R. L. Brown	U	
	M-49	19 Dec 46	Outline of Dynamic Tests on Storage Tubes	S. H. Dodd - W. Nolan P. Youtz	U	
	M-50	19 Dec 46	Progress Report on Storage Tube, Model 3, as of December 19, 1946	P. Youtz	U	
	M-51	19 Dec 46	Progress Report of Storage Tube, Model 4, as of December 19, 1946	P. Youtz	U	
	Letter	20 Dec 46	To MIT Technical Officer, Office of Naval Research - re: Request for Aircraft Rack Chassis	H. R. Boyd	U	
Letter	23 Dec 46	To Department of Electrical Engineering, MIT - re: Request for Visit w/atch: MIT Telegram to University of Calif., MIT visit authorization	Dept. of Engineering University of Calif.	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-52	27 Dec 46	Notes and Block Diagrams for the Pre-Prototype Computer	R. R. Everett	U	
	R-108	30 Dec 46	Characteristics of Western Electric D-172925 Crystal Rectifiers	R. L. Ellis	U	
	Letter	3 Jan 47	To: Supervisors of Navy Sponsored Research Projects - re: Purchase in excess of \$500.00	N. Mch Sage, MIT	U	
	M-55	3 Jan 47	Preprototype Status, Report	H. Fahnestock	U	
	R-110	13 Jan 47	Electrostatic Storage Tubes	J. W. Forrester	U	
	Memo	14 Jan 47	Proposed Equipment for Material Designation and Classification	H. R. Boyd	U	
	Memo	15 Jan 47	Miscellaneous Circuit Notes	Radiation Lab (Berger & Walker)	U	
	M-56	17 Jan 47	Construction and Operation of an Electrolytic Plotting Tank	J. R. Macdonald	U	
	R-111	22 Jan 47	Overload and Temperature Test on Sylvania 1N34 Germanium - Crystal Diodes	R. L. Ellis	U	
	Letter	29 Jan 47	To Technical Officer, Office of Naval Research, MIT - re: Request for Meters	H. R. Boyd	U	
Letter	29 Jan 47	To Technical Officer, Office of Naval Research, MIT - re: Request for Television Equipment	H. R. Boyd	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-57	30 Jan 47	Floor Space Proposal	H. Fahnestock	U	
	Letter	30 Jan 47	To J. W. Forrester - re: Costs	N.Mch Sage MIT	U	
	M-58	6 Feb 47	Talk with Sylvania on Crystal Rectifiers, January 31, 1947	D. R. Brown	U	
	Letter	11 Feb 47	To J. W. Forrester, MIT - re: Rapid Pulse Counters, w/atch: J.W. Forrester letter of reply and bibliography, dated 19 February 1947	Cornell Aeronautical Laboratory, N. Y.	U	
	Letter	12 Feb 47	To Dr. R. A. Becker, Physics Dept., University of Illinois - re: High-Vacuum Photo-tube	D. R. Brown	U	
	Memo	12 Feb 47	List of Equipment not Received at Servomechanisms		U	
	R-115	17 Feb 47	Electronic Digital Computer Development at M.I.T.	J. W. Forrester	U	
	R-118	18 Feb 47	Static Characteristics of RCA 6AG7 Vacuum Tubes	C. W. LeBlanc	U	
	Memo	19 Feb 47	Warren Weaver's Visit to Laboratory February 15, 1947	J. W. Forrester	U	
	E-31	20 Feb 47	Deflection Circuits for Storage Tubes - Present Status of Work	J. O. Ely	U	
	E-32	20 Feb 47	Amplifier for Storage Tube Deflection Circuits	J. O. Ely	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-33	20 Feb 47	Flip-Flop Used as Variable Frequency Square-Wave Generator	J. O. Ely	U	
	R-114	24 Feb 47	A Numerical Integration Method	W. S. Loud	U	
	Letter	27 Feb 47	To MIT Technical Office, Office of Naval Research - re: Synchrosopes	J. W. Forrester	U	
	M-59	28 Feb 47	Pre-Prototype Status Report	H. Fahnestock	U	
	R-116	3 Mar 47	Electronic Digital Computers	J. W. Forrester	U	
	Letter	10 Mar 47	To Professor H. L. Hazen, MIT - re: High-Speed Digital Computation	J. W. Forrester	U	
	Letter	11 Mar 47	To Bureau of Ships, Navy Department re: Request for Vacuum Tube Handbook, w/atch: BuShip reply dated 4 Apr 1947	J. W. Forrester	U	
	Letter	11 Mar 47	To Mr. N. Mcl Sage, MIT, re: Estimate of Extension of Servomechanisms Laboratory	Jackson & Moreland Engineers	U	
	Letter	12 Mar 47	To Professor H. L. Hazen, MIT - re: Academic Staff Members of Project 6345	J. W. Forrester	U	
	M-62-1	12 Mar 47	The Project Whirlwind Program of Electronic Digital Computation	J. W. Forrester	U	
	M-60	13 Mar 47	Whirlwind I Notes	H. Fahnestock	U	
	M-61	17 Mar 47	Discussion of Numerical Methods	W. S. Loud	U	
	R-113	19 Mar 47	Investigation of Flip-Flop Circuits	J. O'Brien	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-63	19 Mar 47	Digital Computing Machine Logic	R. R. Everett	U	
	M-64	26 Mar 47	Mathematical Problems of High-Speed Digital Computers	W. S. Loud	U	
	Letter	27 Mar 47	To MIT Technical Director, Office of Naval Research - re: Equipment Lists for Project 6345 Operating Under Contract N5 ori 60 - w/atch Lists 6, 7 and 8	H. R. Boyd	U	
	Letter	1 Apr 47	To Professor J. C. Hunsaker, MIT - re: WW-I	J. W. Forrester	U	
	Letter	1 Apr 47	To Director, Evans Signal Laboratory Thermionics Branch, N. J. - re: Request for Information on Receiver Type Vacuum Tubes	J. W. Forrester	U	
	R-117	1 Apr 47	Characteristics of Littel Fuse, No. 21107 and General Electric NE-51 Neon Lamps	R. L. Ellis	U	
	M-66	2 Apr 47	High-Speed Digital Computer Circuits	D. R. Brown	U	
	A-22	4 Apr 47	Professor Bryant's Memorandum on Report Writing	J. W. Forrester	U	
	Letter	8 Apr 47	To MIT Technical Director, Office of Naval Research - re: Surplus Bending Brake	H. R. Boyd	U	
	M-69	9 Apr 47	Digital Computer Block Diagrams	R. R. Everett	U	
M-76	9 Apr 47	Digital Computers in Science	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	17 Apr 47	To Technical Officer, MIT; Office of Naval Research - re: Induction Heating Unit	H. R. Boyd	U	
	Letter	21 Apr 47	To MIT Technical Officer, Office of Naval Research - re: Video Amplifier	H. R. Boyd	U	
	M-67	22 Apr 47	The Preparation and Testing of Anodized Aluminum Dielectric Surfaces	J. R. Macdonald	U	
	M-68	28 Apr 47	Sylvania 1N34 Germanium-Crystal Diode Back Conduction Characteristics	R. D. Palmiter	U	
	M-70	29 Apr 47	Data Storage in Three Dimensions	J. W. Forrester	U	
	M-72	29 Apr 47	Deionization Characteristics of General Electric NE-2 Neon Tube	R. D. Palmiter	U	
	E-34	29 Apr 47	Block Diagrams for Whirlwind	F. E. Swan-R.Everett	U	
	M-71	1 May 47	Discussion of Determinants of Large Order (by Professor N. Wiener)	W. S. Loud	U	
	Notes	2 May 47	(Handwritten Notes) on Proposed Sylvania Subcontract (Notes of 5, 7 19 May included)	H. Fahnestock	U	
	Letter	5 May 47	To MIT Technical Director, Office of Naval Research - re: Approval for Purchase of Glass Lathe and Heater, w/copy of ONR Approval dated 12 May 47	H. R. Boyd	U	
	Telegram	5 May 47	To Servomechanisms Lab - re: Purchase Orders and Subcontracts under N5 ori 60	Navy Dept., Office of Spec. Devices, N. Y.	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-73	5 May 47	Universal Film Handling Machine to be Designed by Eastman-Kodak	J. W. Forrester	U	
	E-35	6 May 47	Additional and Revised Block Diagrams for Whirlwind I	F. E. Swain R. R. Everett	U	
	Letter	7 May 47	To Professor H. R. Bartlett, English Dept., MIT - re: Job Offer to J. N. Ulman	J. W. Forrester	U	
	M-74	9 May 47	Project Whirlwind Aircraft Cockpit Equipment	J. W. Forrester	U	
	R-121	9 May 47	Driver for Digit Transfer Bus	G. G. Hoberg	U	
	Letter	13 May 47	To Engineering Mgr., Chance Vought Aircraft, Conn., - re: Design and Construction of Cockpit for Project Whirlwind	J. W. Forrester	U	
	Letter	13 May 47	To H. Fahnestock, Servomechanisms Lab, MIT - re: Personnel	H. Cabot & Co. Boston, Mass.	U	
	E-36	15 May 47	Additional Revisions of Block Diagrams for Whirlwind I	F. E. Swain R. R. Everett	U	
	Letter	16 May 47	To MIT Technical Director, Office of Naval Research - re: Request for Air Compressor	H. R. Boyd	U	
	Memo	28 May 47	To H. Boyd and H. Fahnestock - re: Patent Obligations, w/atch: J. W. Forrester letter (24 June 47) to Mr. Jenny, MIT	J. W. Forrester	U	
	M-77	28 May 47	Use of D.C. Restorer Circuits as a Means of Eliminating DC Coupling in Digital Computer Circuits	N. H. Taylor	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-78 R1	2 Jun 47	Solution of Equations with Minimum Error	W. S. Loud	U	
	Letter	6 Jun 47	To G. Hudson, Servomechanisms Lab., Authorization to Purchase Oscilloscope Under N5 ori 60, Task I	Commanding Officer	U	
	M-79	6 Jun 47	Pulse Transformers for WWI	G. G. Hoberg	U	
	M-80	6 Jun 47	Gate Tubes in WWI	L. D. Wilson	U	
	M-81	11 Jun 47	Trip to Sylvania at Emporium to Initiate Development of Gate Tube	D. R. Brown L. D. Wilson	U	
	M-82	12 Jun 47	Sylvania Vacuum Tube Development	H. Fahnestock	U	
	Letter	17 Jun 47	To J. W. Forrester, Servomechanisms Laboratory: Contract N5 ori 60, Subcontract No. 1 (Sylvania)	F. L. Foster	U	
	E-37	17 Jun 47	Model I Crystal Tester	D. J. Crawford	U	
	E-38	18 Jun 47	Gate and Delayed Trigger Generator	J. O. Ely	U	
	R-113	19 Jun 47	Investigation of Flip-Flop Circuits	J. O'Brien	U	
	M-83	20 Jun 47	Gating Problems and Proposed Tube	H. Fahnestock	U	
	Letter	23 Jun 47	To P. J. Nilsen, Chicago, Illinois, re: Precision Resistors	J. O. Ely	U	
	Letter	23 Jun 47	To Office of Naval Research, Boston, Mass., re: F. Eppling, MIT Technical Director	H. R. Boyd	U	
A-23	26 Jun 47	Engineering Notes	H. Fahnestock	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Notes	29 Jun 47	(Handwritten Notes) on Sylvania Multiplier and Tube Test Meeting	H. Fahnestock	U	
	M-85	30 Jun 47	Recapitulation of Work Done on Design of Cockpit Assembly	G. H. Graff	U	
	E-40	30 Jun 47	Third Revision of Block Diagrams for Whirlwind I	F. E. Swain R. R. Everett	U	
	E-41	30 Jun 47	Sylvania 1N38 Crystal Rectifier	D. R. Brown	U	
	E-45	30 Jun 47	Time-Pulse Distributor	D. R. Brown	U	
	M-91	Jul 47	Terminology in AC Coupling	H. Fahnestock		
	E-39	1 Jul 47	Testing of AC Coupling Between Flip-Flop and Buffer and Between Matrix Switch and Gate	A. B. Horton	U	
	E-42	2 Jul 47	Flip-Flop Circuit	J. O'Brien	U	
	M-86	6 Jul 47	Development Schedule for the Storage Tube Group	P. Youtz S. H. Dodd	U	
	M-87	8 Jul 47	Secondary Emission of Solid Bodies (by R. Kollath - Translation)	M. Florencourt	U	
	E-43	8 Jul 47	Tube Life Tests	D. R. Brown	U	
	E-44	8 Jul 47	Duty Cycle for Various Functions	N. H. Taylor	U	
	E-46	11 Jul 47	Fourth Revision of Block Diagrams for Whirlwind I	F. E. Swain R. R. Everett	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	15 Jul 47	To MIT Technical Officer, Office of Naval Research - Authorization of Purchase of Distribution Transformers w/copy of ONR Approval dated 16 July 47	H. R. Boyd	U	
	Letter	15 Jul 47	To R. R. Everett, Servomechanisms Laboratory - re: Loan of Whirlwind Lecture Notes	Electronic Control Co., Philadelphia, Pa	U	
	R-123	15 Jul 47	The Thirty-Two Position Switch	J. O'Brien	U	
	E-47	16 Jul 47	AC Coupling and 6AS6 Operation	D. R. Brown	U	
	E-48	18 Jul 47	Variable Frequency Clock Pulse Generator	H. Kenosian	U	
	Memo	21 Jul 47	Cockpit Motion Investigation	H. Fahnestock	U	
	E-49	21 Jul 47	Control-Line Calculations	J. O. Ely	U	
	M-89	22 Jul 47	Mechanical to Binary Converter	H. P. Stabler	U	
	M-90	23 Jul 47	Secondary Emission of Pure Metals (by R. Warnecke - translation)	M. Florencourt	U	
	M-92	28 Jul 47	Changes of Model 1 Crystal Tester	D. J. Crawford	U	
	Notes	29 Jul 47	(Handwritten Notes) - Possible Sylvania Jobs	H. Fahnestock	U	
	R-125	29 Jul 47	Discussion of Flight Simulation	C. R. Wieser	U	
	Notes	30 Jul 47	WWI Computer - Material Cost		U	
Letter	31 Jul 47	To Dr. F. L. Forrester, MIT - re: Draft of Proposed Sylvania Subcontract on Project Whirlwind	H. Fahnestock	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-93	5 Aug 47	"Black-out" Effects	J. O. Ely	U	
	E-50	5 Aug 47	6AS6 Operation	D. R. Brown N. H. Taylor	U	
	E-51	5 Aug 47	Delay Lines in Multiplier	H. Fahnestock	U	
	M-94	6 Aug 47	Suggestions for Further Work	W. S. Loud	U	
	E-53	8 Aug 47	WWI Power Estimates	H. Fahenstock	U	
	E-56	8 Aug 47	Notes on the Development of Flip-Flop for Project Whirlwind	L. D. Wilson	U	
	M-95	11 Aug 47	Report on Wiener's Ideas	W. S. Loud	U	
	Letter	12 Aug 47	To J. W. Forrester, Servomechanisms Laboratory - re: Scope of Work Under Subcontract No. 1, Contract N5 ori-60	Sylvania, Boston	U	
	Notes	13 Aug 47	Extract from J. W. Forrester Notebook 45	J. W. Forrester	U	
	E-54	13 Aug 47	Feedback Applied to Gated Amplifiers	J. O. Ely	U	
	E-55	14 Aug 47	Register Panel	D. R. Brown	U	
	M-96	15 Aug 47	Progress Report and Development Schedule of Storage Tube Work	S. H. Dodd P. Youtz	U	
	E-57	19 Aug 47	Test of Resistor Tolerances in Flip- Flop Circuit SB39272-2	J. O'Brien	U	
E-58	19 Aug 47	Sweep Calibrator	J. O'Brien	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	20 Aug 47	To Research Laboratory for Electronics, MIT - re: Interchange of Reports	Watson Laboratories New Jersey	U	
	M-98	25 Aug 47	On the Secondary Emission Factor of Electron - Irradiated Insulators (by H. Salow, Berlin - Translation)	M. Florencourt	U	
	M-99	26 Aug 47	Precision Resistors for Use in Flip- Flops	J. O. Ely	U	
	E-59	29 Aug 47	Point-to-Point Signal-Cable Termination	D. R. Brown	U	
	R-126	29 Aug 47	Step Counter for 5-Digit Multiplier	E. Blumenthal	U	
	M-100	3 Sep 47	M.A.A. Symposium on Computing Machines, Yale University, September 2, 1947, 10:00 A.M. - 12:00 N	E. Reich	U	
	Letter	5 Sep 47	To Director, Special Devices Center, Fort Washington, N. Y. - re: Sylvania Subcontract	J. W. Forrester	U	
	A-25	8 Sep 47	Moving to Barta Building	H. R. Boyd	U	
	R-128	8 Sep 47	The Embossing and Anodization of Aluminum for Storage Tube Dielectric Surfaces	J. R. Macdonald	U	
	M-101	9 Sep 47	Notes on Visit to Moore School, University of Pennsylvania on September 9, 1947	E. S. Rich	U	
	E-61	11 Sep 47	Output Amplitude of Gate Tubes Versus Input Pulse Band	E. W. Sard	U	
	M-102	15 Sep 47	Storage Tube Program, Project Whirlwind	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	A-27	16 Sep 47	Abstract Reports	J. N. Ulman	U	
	E-60	16 Sep 47	Transmission of Gated Signal to Remote Point without Buffer Amplifier	G. G. Hoberg	U	
	M-103	17 Sep 47	Gato-Tube Development	D. Brown-N. Taylor	U	
	R-124	17 Sep 47	Magnetic Recording, Its Use for Storage of Information in Electronic Computers	E. S. Rich	U	
	A-28	18 Sep 47	Standardization of Report Headings	J. N. Ulman	U	
	Letter	22 Sep 47	MIT, Division of Industrial Cooperation - Subj: Contract N5ori-60, Task Order I, Proposed Cost-Plus Fixed-Fee Subcontract to Sylvania Electric Products Inc., in the Aggregate Amount of \$319,576.75	Navy Department Office of Naval Research, Wash., DC	U	
	R-130	22 Sep 47	Potential Plotting with an Electrolytic Tank	J. R. Macdonald	U	
	M-104	23 Sep 47	Request for Synchroscope, Specifications	H. Fahnestock	U	
	R-131	23 Sep 47	The Physical Characteristics of Aluminum Oxide Dielectric Layers	J. R. Macdonald	U	
	Sub-Contract	24 Sep 47	Revision 1 of Contract N5ori-60, Subcontract No. 1 (Sylvania)	6345	U	
M-105	25 Sep 47	Register Panel Schematic Changes (SD-39282-3, SD-39283-3, SD-39284-3)	D. J. Crawford	U		
M-106	26 Sep 47	Proposed Program for Investigation of Magnetic Recording	E. S. Rich	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-107	30 Sep 47	Whirlwind I Research and Clean-Up Assignments	H. Fahnestock	U	
	L-1	1 Oct 46	Digital Computation for Anti-Submarine Problem	J. W. Forrester	U	12
	Memo	2 Oct 47	Block Diagram - Production Cooperation	H. Fahnestock	U	13
	M-109	2 Oct 47	Gate-Tube Research	D. R. Brown	U	
	Letter	3 Oct 48	To J. W. Forrester, Servomechanisms Laboratory - re: Proposal of Sub-contract with Eastman Kodak	Special Devices Center, L.I., N.Y.	U	
	A-29	3 Oct 47	Publication Series	J. W. Forrester	U	
	M-110	3 Oct 47	IN34 Failures and Deterioration	H. Fahnestock	U	
	E-63	3 Oct 47	Possible Changes in Flip-Flop Storage	D. J. Crawford	U	
	E-64	3 Oct 47	Flip-Flop Life Test Rack - First 500 Hour Run	A. B. Horton J. O'Brien	U	
	M-111	6 Oct 47	Block Diagram Work	R. R. Everett	U	
	A-30	7 Oct 47	Reliability of Standard Parts	J. W. Forrester	U	
	M-112	7 Oct 47	Aquadag	T. F. Clough	U	
	Letter	8 Oct 47	To MIT, Technical Officer - re: Prime Contract N5ori-60, Subcontract No. 1 DIC Project 6345 (Synchrosopes) - w/atch: Navy Reply dated 18 Nov. 1947	H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Memo MCCP-71758	8 Oct 47	Alien Visit to Servomechanisms Laboratory	J. W. Forrester	C	NN
	M-113	9 Oct 47	Block Diagram Priorities for Whirlwind I	H. Fahnestock	U	
	M-114	9 Oct 47	Changes in Drawings of Restorer Pulse Generator	H. Kenosian	U	
	Letter	10 Oct 47	Sylvania Electric Products, Boston re: Military Security Classification Applicable to Project Whirlwind	J. W. Forrester	U	
	E-68	10 Oct 47	Whirlwind I Cabling and Installation	H. Fahnestock	U	
	M-115	14 Oct 47	Standards for Fastening Shaft-Mounted Parts by Means of Involute Splines	E. S. Prohaska	U	
	E-69	14 Oct 47	Standard Symbols for other than Vacuum Tube Diodes	C. W. Watt	U	
	Letter	15 Oct 47	To General Manager, Sylvania Electric Products, Boston - re: WWI Program	J. W. Forrester	U	
	A-35	15 Oct 47	Machine Shops	H. R. Boyd	U	
	L-2	15 Oct 47	Information System of Interconnected Digital Computers	J. W. Forrester R. R. Everett	U	
	R-129	15 Oct 47	Conversion of Shaft Position to Binary Code	H. P. Stabler	U	
	R-132	16 Oct 47	Storage Tube Secondary Electron Control with a Magnetic Field	J. R. Macdonald	U	
	Letter	17 Oct 47	To M.R. Jenny, MIT - re: Possible Patent Value, Coupling Between Success- ive Stages in Digital Computing Machine	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-117	17 Oct 47	Control Desk, Whirlwind I	J. W. Forrester	U	
	M-118	17 Oct 47	Preliminary Specification for Tube Type SR-1030	D. R. Brown	U	
	E-71	17 Oct 47	Symposium on Printed Circuits	D. R. Brown	U	
	M-116	20 Oct 47	Second Trip to Emporium	D. R. Brown	U	
	M-120	20 Oct 47	Rectifier Soldering Tests	R. L. Ellis	U	
	M-121	20 Oct 47	Progress Report as of October 20, 1947 and Development Schedule of Storage Tube Group from October 20, 1947 to November 15, 1947	S. H. Dodd W. J. Nolan P. Youtz	U	
	Letter	21 Oct 47	To Sylvania Electric Products, Boston re: Development of Electronic Computer Components	J. W. Forrester	U	
	M-119	21 Oct 47	6AK7 Life Test Results and Revisions	R. L. Best	U	
	M-122	21 Oct 47	AC Line Voltage in Barta Building	H. Fahnestock	U	
	M-124	21 Oct 47	Location of Target from Combined Observations	P. Franklin	U	
	M-123	22 Oct 47	Additional Registers for Whirlwind I	R. R. Everett	U	
	E-73	22 Oct 47	Measurements on the C-4999 Series of the SR-1030 Gate Tube	E. W. Sard	U	
	Letter	23 Oct 47	To Eastman Kodak Co., Rochester, N. Y. Subj: Vacuum Tubes and Crystals Being Used on Whirlwind I	H. R. Boyd	U	
Notes	23 Oct 47	Notes on Program Counter		U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	24 Oct 47	To Sylvania Electric Products, Inc. Boston, Mass. - re: Preliminary Model of Program Counter	H. Fahnestock	U	
	E-52	24 Oct 47	Restorer Pulse Generator	H. Kenosian	U	
	M-126	27 Oct 47	Deflection Circuit Demonstrator	J. O. Ely	U	
	M-127	27 Oct 47	Checking	R. R. Everett	U	
	Memo	28 Oct 47	Estimated Cost of Materials Supplied Sylvania for S-2 Phase of WWI System	H. F. Mercer	U	
	M-125	28 Oct 47	Proposed Video Amplifier for P-5 Synchroscope	R. L. Massard	U	
	M-128	28 Oct 47	Supplement to Memorandum M-119, 6AK7 Life Test Results	R. L. Best	U	
	M-129	28 Oct 47	Whirlwind I Trouble Shooting Comments on Memorandum M-123	R. R. Everett	U	
	Memo	30 Oct 47	Approval for Purchases of Capital Equipment, Alterations, etc.	N. McL Sage	U	
	Memo	31 Oct 47	Cost Incurred and Fee Claimed for Current Period and from Inception of Contract to October 31, 1947	Sylvania Electric Products, Boston	U	
	Memo	3 Nov 47	Professor Murray's (Columbia University) Visit	J. W. Forrester	U	
	M-137	4 Nov 47	Computer Codes for Whirlwind I	R. R. Everett	C	NN
M-130	5 Nov 47	Storage Tube Program Project Whirlwind (Extracts from M-102 dtd Sept. 15, 1947)	J. W. Forrester	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-133	5 Nov 47	Review of Development of Pulse Transformers	G. G. Hoberg	U	
	M-132	7 Nov 47	Vacuum Tube Estimates for WWI	N. H. Taylor	U	
	R-120	7 Nov 47	Deflection Circuits for Electrostatic Storage Tubes	J. O. Ely	U	
	A-37	10 Nov 47	Computer Terminology	J. N. Ulman	U	
	M-131	10 Nov 47	Tube Types for Whirlwind I	D. R. Brown	U	
	M-135	10 Nov 47	Block Diagrams, Electrostatic Storage	R. R. Everett	U	
	M-136	10 Nov 47	Accumulation of Products in the Whirlwind I Computer	R. R. Everett	U	
	M-138	10 Nov 47	Flip-Flop Life Test Rack No. 2	J. O'Brien	U	
	M-158	10 Nov 47	Input and Output, Block Diagrams	R. R. Everett	U	
	M-159	10 Nov 47	Storage Tube Summary	S. Dodd-W. Nolan P. Youtz	U	
	M-160	12 Nov 47	Mathematical Work of Project Whirlwind	P. Franklin	U	
	M-134	13 Nov 47	Alphabetical Information in Whirlwind Computers	R. R. Everett	U	
	M-157	13 Nov 47	Output Typewritten - Printer Unit for Whirlwind I	R. R. Everett	U	
	M-161	13 Nov 47	Checking by Check Problems	R. R. Everett	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-164	17 Nov 47	Progress Report as of November 17, 1947 and Development Schedule of Storage Group from November 17, 1947 to December 20, 1947	S. H. Dodd W. J. Nolan P. Youtz	U	
	E-76	19 Nov 47	Coupling Between Flip-Flop and Gate Tube	N. L. Daggett	U	
	M-167	20 Nov 47	Electrolytically Produced Oxide Protective Layers on Aluminum (by H. Rohrig Translation)	M. Florencourt	U	
	Letter	21 Nov 47	To Office of Naval Research, Navy Dept., Washington D. C. - Transmittal of SR No. 2 (Vols. 1 - 22) on Project Whirlwind	J. W. Forrester	U	
	Memo	25 Nov 47	Visit of Dr. Vannevar Bush	J. W. Forrester	U	
	M-168	26 Nov 47	New Investigations on the Electrolytic Valve Effect (Translation)	M. Florencourt	U	
	M-169	26 Nov 47	New Investigations on the Electrolytic Valve Effect (Translation)	M. Florencourt	U	
	Memo	28 Nov 47	Badges	H. R. Boyd	U	
	M-117	28 Nov 47	The Siemens-Shuckert Vacuum Evaporation Methods Applied to Large First Surface Mirrors (Reproduction)	M. Florencourt	U	
	R-122	Dec 47	Low-Power Pulse Transformers	T. F. Wimett	U	
Letter	1 Dec 47	To H. R. Boyd - re: Film Storage for Reader-Recorder and the 7AD7 Tube	Eastman-Kodak Co. Rochester, N. Y.	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-172	1 Dec 47	The Motion of the Ionic Lattices of Dielectrics in Extreme Electric Field Intensities (Translation)	M. Florencourt	U	
	E-77	1 Dec 47	Blackout in 6AS6 and SR-1030 Gate Tubes	R. L. Best	U	
	Letter	2 Dec 47	To National Bureau of Standards, Section 6, Division XIII, Washington D. C. - re: Life Test of 1N34 Crystals	D. R. Brown	U	
	Letter	2 Dec 47	To Eastman Kodak Co., Rochester, N. Y. Subj: Film Reader - Record Unit (Proposed Subcontract No. 2 of Prime N5ori-60)	H. R. Boyd	U	
	M-173	4 Dec 47	Standard Test Equipment	J. O. Ely	U	
	M-174	4 Dec 47	On the Dielectric Constant of an Oxide, Hydroxide, and Oxyhydrate (Translation)	M. Florencourt	U	
	E-78	4 Dec 47	Standard Test Equipment Program	J. O. Ely	U	
	M-175	5 Dec 47	Hydraulic Servomechanism for Cockpit Tilting	C. R. Wieser	U	
	A-41	8 Dec 47	Clarification of Operational Procedures	H. R. Boyd	U	
	M-176	9 Dec 47	Methods of Numerical Integration of Ordinary Differential Equations Most Suitable for Use by Whirlwind I and Whirlwind II	M. Daniloff	U	
M-177	9 Dec 47	Comments on E-78 (Standard Test Equipment Program)	J. O. Ely	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-79	10 Dec 47	Proposed Specifications, Whirlwind I	H. Fahnestock	U	
	Letter	11 Dec 47	MIT Technical Officer - Subj: Authorization for Purchase of Hypersil Cores w/copy of ONR Approval dated 19 Dec. 47	H. R. Boyd	U	
	A-42	11 Dec 47	Bi-Weekly Reports	J. W. Forrester	U	
	M-179	11 Dec 47	Meeting at Eastman Kodak's Hawk Eye Plant, December 4, 1947	D. R. Brown	U	
	M-180	11 Dec 47	Comments on E-78 (Standard Test Equipment Program)	J. A. O'Brien	U	
	E-80	11 Dec 47	Circuit Standardization	J. A. O'Brien	U	
	E-81	11 Dec 47	Reduction of Pip on Fli-Flop Waveform	N. L. Daggett	U	
	A-43	12 Dec 47	Use of Drafting Facilities	H. R. Boyd	U	
	M-181	12 Dec 47	Comments Requested by E-78 and M-173 on Proposed Standard Test Equipment Program	H. Kenosian	U	
	M-183	12 Dec 47	Conference-Drafting Air-Conditioning and Whirlwind I Arrangement	J. W. Forrester	U	
	E-82	12 Dec 47	2:1 - 4:1 Binary Frequency Divider	H. Kenosian	U	
	E-83	12 Dec 47	Multiplier Life Data	J. O'Brien	U	
	M-187	15 Dec 47	Purchasing and Receiving on Account 6447	J. C. Proctor	U	
	M-189	15 Dec 47	Comments on E-78 (Standard Test Equipment Program)	D. R. Brown	U	
M-215	12 Dec 47	Air Conditioning for WWI	W. C. Bohn	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	R-133	15 Dec 47	Timing of Whirlwind I	E. L. Blumenthal G. C. Hoberg	U	
	M-188	16 Dec 47	Meeting Held by Electronics Group December 10, 1947	N. H. Taylor	U	
	M-191	16 Dec 47	Comments on E-78 (Standard Test Equipment Program)	W. J. Nolan	U	
	E-84	16 Dec 47	Model Two Crystal Tester	D. J. Crawford	U	
	Letter	17 Dec 47	To J. W. Forrester, Servomechanisms Laboratory - re: Whirlwind Seminar	N. Rochester Sylvania Electric Products, Boston	U	
	M-182	18 Dec 47	Changes in Restorer Pulse Generator	H. Kenosian	U	
	M-192	18 Dec 47	Flip-Flop Life Test Rack-Run No. 3	J. J. O'Brien	U	
	M-193	18 Dec 47	Comments on E-78 and M-173 "Proposed Standard Test Equipment"	N. H. Taylor	U	
	M-194	18 Dec 47	Meeting of Electronics Group December 17, 1947	J. J. O'Brien	U	
	E-86	18 Dec 47	Single Pulse Synchronizer	H. Kenosian	U	
	E-87	22 Dec 47	5-Digit Multiplier: Present Status, and Future Plans	N. H. Taylor	U	
	Letter	24 Dec 47	To Office of Naval Research, Boston Subj: Printing of Reports	J. W. Forrester	U	
	Letter	24 Dec 47	To Special Devices Center, Port Wash. N. Y. - Subj: Eastman-Kodak Co. Input and Output Equipment	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	A-34	24 Dec 47	Drawing and Print Procedure for DIC Project 6345	C. W. Watt	U	
	M-197	26 Dec 47	Space and Power for WWI Electrostatic Storage	J. O. Ely	U	
	Memo	29 Dec 47	Proposed Procedures for Handling Equipment and Material Coming into the Barta Building	J. C. Proctor	U	
	M-198	29 Dec 47	Input-Output Register Panel Space	D. R. Brown	U	
	M-199	29 Dec 47	Cabinets for Whirlwind I	D. R. Brown	U	
	A-46	31 Dec 47	Circuit Schematic - Standardization for WWI	C. W. Watt	U	
	M-200	31 Dec 47	Circuits for Marginal Checking	J. W. Forrester	U	
	M-201	31 Dec 47	Whirlwind I Installation Conference	H. Fahnestock	U	
	Memo	31 Dec 47	Cost Incurred and Fee Claimed for Current Period and from Inception of Contract No. 1 of Prime N5ori-60 to December 31, 1947	Sylvania Electric Products, Boston	U	
	E-88	2 Jan 48	The Function of ACO Carry Register	G. Sumner	U	
	Letter	5 Jan 48	To H. R. Boyd, Servomechanisms Lab. w/atch: Cost Incurred and Fee Claimed For Current Period and from Inception of Contract to November 30, 1947	Sylvania Electric Products, Boston	U	
	M-204	5 Jan 48	Decoupling	H. Fahnestock	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-91	6 Jan 48	Standard Bus System	C. A. Rowland	U	
	M-205	6 Jan 48	Meeting of Electronic Group, December 31, 1947	J. J. O'Brien	U	
	M-206	8 Jan 48	Numerical Solution of Systems of Simul- taneous Linear Algebraic Equations by Elimination Methods	E. Reich	U	
	M-207	9 Jan 48	Meeting of Electronics Group, January 7, 1948	H. Kenosian	U	
	C-27	12 Jan 48	Project Whirlwind Seminar No. 1 Introduction	J. W. Forrester	U	
	A-52	14 Jan 48	Abbreviations	J. N. Ulman	U	
	M-213	14 Jan 48	Project Whirlwind Seminar Schedule January 12 to February 18	R. R. Everett	U	
	E-92	15 Jan 48	Reduction of PRF Sensitivity	G. G. Hoberg	U	
	Letter	16 Jan 48	To MIT, re: Electronic Calculators w/copy of J. W. Forrester Reply dated 29 January 1948	W. H. Richman Amarillo, Texas	U	
	M-214	19 Jan 48	Meeting of Electronics Group, January 16, 1948	J. J. O'Brien	U	
	Letter	20 Jan 48	To Underwood Corp., New York, N. Y. re: Sundstrand Keyboard	R. E. Hunt	U	
	A-51	21 Jan 48	Project Organization	J. W. Forrester	U	
M-216	21 Jan 48	Electrostatic Forces and Deflection of Storage Meshes	P. Franklin	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-94	22 Jan 48	Storage Tube Holding Beam Current Density	S. H. Dodd	U	
	M-218	23 Jan 48	Production Quantities of Whirlwind I Units	H. Fahnestock	U	
	M-222	27 Jan 48	D. C. Voltages Required for WWI	C. W. Watt	U	
	E-95	28 Jan 48	Standard Circuits, Gate Generator, GG-1	J. J. O'Brien	U	
	E-96	28 Jan 48	Ground Circuits for WWI	D. R. Brown	U	
	M-223	29 Jan 48	Air Conditioning for WWI	J. C. Proctor	U	
	M-224	29 Jan 48	A Method of Direct Measurement of Secondary Electron Emission at Insulators (Translation)	M. Florencourt		
	Letter	30 Jan 48	To: Office of Naval Research, Boston Mass., Subj: Participation of Mathematicians and Scientists in Project Whirlwind Activities	J. W. Forrester	U	
	M-229	30 Jan 48	Meetings of Electronics Group January 26 and 28, 1948	J. A. O'Brien	U	
	Memo	31 Jan 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to January 31, 1948	Sylvania Electric Products, Boston	U	
Letter	2 Feb 48	To N. M. Sage, MIT - Subj; Amendment No. 4 to Project Whirlwind Contract N5ori-60	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	2 Feb 48	To Technical Officer, MIT - Subj: Request for Purchase of 3500 7AK7 Tubes, w/atch: ONR Instruction to Reduce Cost of Sylvania Subcontract, dtd 19 Feb 48, and ONR Authorization to Purchase Tubes dated February 19, 1948	H. R. Boyd	U	
	A-53	2 Feb 48	Whirlwind I Approved Parts and Specifications	H. Fahnestock	U	
	M-225	2 Feb 48	Theory of Secondary Electron Emission from Metals (Translation)	M. Florencourt	U	
	M-226	2 Feb 48	Floor Loading for WWI Computer Room	R. E. Hunt	U	
	E-97	3 Feb 48	Storage Tube Power Requirements for WWI	S. H. Dodd	U	
	M-228	3 Feb 48	Whirlwind I Preliminary Time Schedule	H. Fahnestock	U	
	Letter	4 Feb 48	To Dr. R. D. O'Neal, Eastman-Kodak Co., Rochester, N. Y; re: Voltage and Marginal Checking	H. R. Boyd	U	
	M-230	4 Feb 48	Notes on Aquadag	F. H. Caswell T. F. Clough	U	
	M-231	4 Feb 48	Eastman Conferences of December 23, 1947 and January 20-21, 1948	H. R. Boyd	U	
	A-54	6 Feb 48	Test Equipment Committee	J. W. Forrester	U	
	M-232	6 Feb 48	Measurements of 7AK7 Characteristics at Emporium, February 2-3, 1948	D. R. Brown	U	
	M-233	6 Feb 48	Meeting to Discuss Storage Tube Output Systems, February 5, 1948	C. H.R. Campling	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Chart	9 Feb 48	Equipment Development Department Organization Chart	Sylvania Electric Products, Inc.	U	
	M-234	9 Feb 48	Visit of Mr. R. L. Snyder, (University of Pennsylvania)	J. W. Forrester	U	
	M-235	9 Feb 48	Vacuum Tube Life Tests	J. W. Forrester	U	
	M-236	9 Feb 48	Flip-Flop Storage Arrangement	H. Fahnestock	U	
	M-240	13 Feb 48	A New Order for Finding Characteristics	P. Franklin	U	
	E-99	16 Feb 48	Test Equipment: Standard Tube Test Panel	N. H. Taylor	U	
	Letter	16 Feb 48	To J. W. Forrester, re: Request for Listing of DIC Subcontractors: w/copy of Forrester - reply dated 17 February 1948	M. S. Stevens MIT Division of Industrial Corp.	U	
	Letter	17 Feb 48	To Sylvania Electric Products, Inc. Boston, Mass., re: Personnel Security	H. Fahnestock	U	
	M-241	17 Feb 48	Comments on Program Register Demonstra- tion Panel	H. Fahnestock	U	
	M-242	17 Feb 48	Twin Triodes	H. Fahnestock	U	
	M-243	17 Feb 48	Proposal for Deflection - Circuit Development	J. O. Ely	U	
	E-100	17 Feb 48	Life Rack for Sample Storage Surfaces	H. L. Heydt	U	
	E-101	17 Feb 48	Coupling Capacitors in Basic Circuits	C. W. Watt	U	
	Chart	18 Feb 48	Whirlwind Planning and Design		U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Specification	18 Feb 48	Photographic Equipment for Storage of Coded Data - Device 24 - RC-2 (Eastman Kodak)	Office of Naval Research, N. Y.	U	
	M-244	18 Feb 48	Project Whirlwind Seminar Schedule February 16 to March 10	R. R. Everett	U	
	Letter	20 Feb 48	To Special Devices Center, Office of Naval Research, N. Y., Subj: Purchase Approval for Motor Generator or Synchronous Motor and Associated Items; w/attch: ONR Authorization dated 23 March 1948	H. R. Boyd	U	
	A-55	20 Feb 48	Security and Classification	J. W. Forrester H. R. Boyd	U	
	E-102	20 Feb 48	Revisions to Shift Operations	E. I. Blumenthal	U	
	E-103	20 Feb 48	Ion Current Measurements in 7AK7 and 6AG7 Tubes	M. Hayes J. J. O'Brien	U	
	Memo	24 Feb 48	Regulations for Handling Classified Material	M. S. Stevens (DIC - MTF)	U	
	M-249	25 Feb 48	Meeting of Electronics Group February 13, 1948	J. J. O'Brien	U	
	M-265	25 Feb 48	Visit to Sylvania on February 24, 1948	C. W. Watt	U	
	Memo	29 Feb 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to February 29, 1948	Sylvania Products Inc., Boston, Mass.	U	
M-250	1 Mar 48	Notes on Visit to Ft. Bliss, Texas, White Sands Proving Grounds, New Mexico, and Holloman AFB, New Mexico, February 17-21, 1948	E. S. Rich	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-276	1 Mar 48	Tube Construction and Test Program of the Storage Tube Group	S.H. Dodd-W.J. Nolan P. Youtz	U	
	M-251	2 Mar 48	Standards Committee Meeting on Power Connectors for WWI	H. Fahnestock	U	
	M-253	2 Mar 48	Raytheon Vacuum Tubes	J. W. Forrester	U	
	M-252	3 Mar 48	Proposal for Investigation of Storage- Tube Output-Circuits	C. H. R. Campling	U	
	M-254	4 Mar 48	Neon Indicators and Sockets	H. Fahnestock	U	
	M-255	4 Mar 48	Engraving of Whirlwind I Panels	H. Fahnestock	U	
	M-257	4 Mar 48	B-Register Lay-Out, Sylvania Drawing No. W60BROO-2	H. Fahnestock	U	
	M-259	4 Mar 48	Lock-In Tube Sockets	J. W. Forrester	U	
	M-262	4 Mar 48	Power Supplies and Distribution Conference	J. W. Forrester	U	
	M-227	5 Mar 48	Vacuum Tube Life Data	J. J. O'Brien	U	
	M-258	5 Mar 48	7AK7 Construction	H. Fahnestock	U	
	M-261	5 Mar 48	WWI Flip-Flop Storage Layout Authorization	H. Fahnestock	U	
	M-264	5 Mar 48	Eastman Conference, March 2, 1948	H. R. Boyd	U	
	M-266	5 Mar 48	Accumulator Prototype Construction Authorization	H. Fahnestock	U	
E-104	5 Mar 48	Basic Circuits	J. A. O'Brien	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-106	8 Mar 48	IN38 Germanium Crystal Diode Rating Tests	R. L. Ellis	U	
	M-269	9 Mar 48	Design Data Needed by Sylvania to Complete Rack Design	C. W. Watt	U	
	E-105	9 Mar 48	Power Requirements for WWI	H. Shee	U	
	Letter	10 Mar 48	To H. R. Boyd, Servomechanisms Lab., Ref: Contract No. N5ori-60, Purchase Order No. DICR-12320	R. C. Snyder Sylvania Electric Products, Inc.	U	
	M-273	10 Mar 48	Creep Test of 5" Anodized Storage Surface	R. Shaw		
	M-274	10 Mar 48	Crystal Rectifier Requirements	D. R. Brown	U	
	M-275	10 Mar 48	Meeting of Electronics Group, February 20th and 26th, 1948	N. H. Taylor	U	
	M-278	10 Mar 48	Proposal-Multiplier-Cabling	H. Fahnestock	U	
	M-277	10 Mar 48	Layout of Program Counter	H. Fahnestock	U	
	M-279	10 Mar 48	Layout of Program Register	H. Fahnestock	U	
	M-280	10 Mar 48	Bus Driver Panels	H. Fahnestock	U	
	M-281	11 Mar 48	Layout of Check Register	H. Fahnestock	U	
	M-283	11 Mar 48	B-Register Prototype Drawing Authorization	H. Fahnestock	U	
	M-284	12 Mar 48	Power Fusing	C. W. Watt	U	
	M-285	12 Mar 48	Power Supply Proposal No. 1	H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-287	15 Mar 48	Project Whirlwind Seminar Schedule March 10 to April 14	R. R. Everett	U	
	M-290	15 Mar 48	Holding-Gun Research Tubes	M. Florencourt	U	
	Letter	15 Mar 48	To Power Equipment Co., Detroit, Michigan; Subj: Power Supply Proposal	H. R. Boyd	U	
	M-287-1	16 Mar 48	Project Whirlwind Seminar Schedule March 10 to April 14	R. R. Everett	U	
	M-291	16 Mar 48	Modification of Program Counter	H. Fahnestock	U	
	M-292	16 Mar 48	Requirements for Voltage Variation Panels	C. W. Watt	U	
	M-293	16 Mar 48	Meeting of Electronics Group March 5, 1948 - Design Problems of Arithmetic Element Control	G. C. Sumner	U	
	M-294	16 Mar 48	Proposed Panel-Selection Circuit	E. S. Rich	U	
	M-295	16 Mar 48	Investigation of 7AK7 Processing, Emporium, Pa., March 2, 1948	D. R. Brown - T.Clough-P.Youtz	U	
	Letter	17 Mar 48	To Technical Officer, MIT - Subj: Purchase Approval for 75 HP Synchronous Motor, w/copy of ONR Approval dated 23 March 1948	H. R. Boyd	U	
	M-296	17 Mar 48	Arithmetic Control, Design and Construction	H. Fahnestock	U	
	M-297	17 Mar 48	Designation of Video Jack on Circuit Schematics	C. W. Watt	U	
	M-298	17 Mar 48	Pulse Transformer Delivery	H. Fahnestock	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-299	17 Mar 48	Whirlwind I Heater Grounds	H. Fahnestock	U	
	M-300	17 Mar 48	Flip-Flop Storage Register Prototype Drawing Authorization	H. Fahnestock	U	
	M-301	18 Mar 48	Approval of Components for WWI	C. W. Watt	U	
	M-302	18 Mar 48	Quantity of Aluminum Channel Required for WWI Installation	C. W. Watt	U	
	M-306	22 Mar 48	Overloading of Neon Indicator Lamps in Basic Circuit IND-1	J. Hunt	U	
	M-308	22 Mar 48	History of Secondary Emission	H. L. Heydt	U	
	M-315	22 Mar 48	Bus Driver Panel Layout	H. Fahnestock	U	
	Letter	23 Mar 48	To A. C. Viebrans, Sylvania Electric Products, Inc., Boston - Subj: Amend- ment of Contract N5ori-60 - Sub- contract No. 1	H. Fahnestock	U	
	M-313	23 Mar 48	Proposed Elevating Test Truck for WWI	R. E. Hunt	U	
	M-314	23 Mar 48	Corrections and Changes on Basic Circuits BA-1 and GG-1	J. A. O'Brien	U	
	M-319	24 Mar 48	Arithmetic Control and AC-O Preliminary Notice of Work Load	H. Fahnestock	U	
	M-320	24 Mar 48	Pulse Transformer Test Unit	R. R. Everett	U	
	E-107	24 Mar 48	Consolidation of Operation Matrix and and Program Timing Matrix	J. A. O'Brien	U	
	M-316	25 Mar 48	A-Register Prototype Drawing Approval	H. Fahnestock	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-321	25 Mar 48	Meeting of the Electronics Group, March 12 and 19, 1948	J. J. O'Brien	U	
	E-108	26 Mar 48	Sylvania Test Equipment	N. H. Taylor	U	
	M-312	26 Mar 48	Power Cabling, Proposal No. 1	H. S. Lee	U	
	M-322	26 Mar 48	Additional Voltage Requirements for WWI	C. W. Watt	U	
	M-324	26 Mar 48	Filament Transformers WWI	W. S. Rogers	U	
	M-325	26 Mar 48	Underwriter's Approval	W. S. Rogers	U	
	M-323	29 Mar 48	Purchase Approvals	H. R. Boyd	U	
	R-135	30 Mar 48	History of Secondary Emission	H. L. Heydt	U	
	Memo	31 Mar 48	Order DICRL2320 (Project N5ori-60) to - 31 March 1948	Sylvania Electric Products, Inc.	U	
	Letter	31 Mar 48	To H. Fahnestock, Sercomechanisms Lab., Subj: Amendment of Contract N5ori-60, Subcontract No. 1	A. C. Viebranz Sylvania Electric Products, Inc.	U	
	M-326	31 Mar 48	WWI Rack Door Material	R. E. Hunt	U	
	M-327	31 Mar 48	Arithmetic Control Time Schedules	H. Fahnestock	U	
Letter	1 Apr 48	To J. C. Proctor, MIT - Subj: Whirlwind I AirConditioning System, w/attach - H. R. Boyd's Request for Authorization to Purchase Air-Conditioning Equipment dated 5 April 1948 - ONR's Authorization dated 20 April 1948	Carrier Corp. Boston, Mass.	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	1 Apr 48	To H. R. Boyd, Servomechanisms Lab., Subj: Contract No. N5ori-60, Purchase Order No. DICR12320	R. C. Snyder Sylvania Electric Products, Inc.	U	
	60-1	1 Apr 48	Comments on M-316 and Report of Action Taken	D. L. Stevens Sylvania - Boston	U	
	M-330	1 Apr 48	WWI Control: Time Schedule	H. Fahnestock	U	
	M-329	2 Apr 48	Modification of Basic Circuit IND-1	J. M. Hunt	U	
	60-3	5 Apr 48	Power Supplies for Sylvania Testing	J. Terzian Sylvania - Boston	U	
	E-109	5 Apr 48	6AS6 Vacuum Tube Life Data	J. J. O'Brien	U	
	M-334	5 Apr 48	Wedge Sleeve Clamp for BNC Connectors	R. E. Hunt	U	
	M-338	5 Apr 48	Flip-Flop Storage Output Prototype Drawing Authorization	H. Fahnestock	U	
	M-340	6 Apr 48	B-Register Prototype Drawing Approval	H. Fahnestock	U	
	M-341	6 Apr 48	Trip to Power Equipment Company, Detroit, Michigan on March 29th	H. R. Boyd	U	
	M-342	7 Apr 48	Standards Committee Approval of Mechanical Parts Designed by Sylvania	C. W. Watt	U	
	M-344	7 Apr 48	Machining of Nickel	R. Shaw	U	
	M-276-1	8 Apr 48	Tube Construction and Test Program of the Storage Tube Group	S. H. Dodd-W. Nolan P. Youtz	U	
	M-345	8 Apr 48	Binary to Binary - Decimal Conversion	C. W. Adams	U	
	M-346	8 Apr 48	Power Supply Proposal No. 2	H. R. Boyd	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-351	8 Apr 48	Meetings of the Electronics Group, March 26, and April 2, 1948	J. J. O'Brien	U	
	M-352	13 Apr 48	Whirlwind I Control Desk, Proposal No. 1	J. W. Forrester	U	
	M-353	13 Apr 48	Signal-Rate Assembly for ST-25	R. Shaw	U	
	M-354	13 Apr 48	Control Drawings	H. Fahnestock	U	
	E-110	14 Apr 48	Life Data - 6AK7 Tubes of D.C. Flip- Flop Rack	J. J. O'Brien	U	
	M-358	14 Apr 48	Time Pulse Distributor- Counter Panel Circuit Schematic Corrections	H. Fahnestock	U	
	M-359	14 Apr 48	Bus Driver Prototype Drawing Authorization	H. Fahnestock	U	
	M-361	15 Apr 48	Vacuum-Tube Life-Tests Proposal	J. J. O'Brien	U	
	M-362	15 Apr 48	Grounding System for WWI	C. W. Watt	U	
	M-365	16 Apr 48	Accumulator, Zero Digit	H. Fahnestock	U	
	60-5	19 Apr 48	48 Volt Power Requirements for Voltage Variation Panels, and Power Loss In- dicator Panels	F. J. Anderson Sylvania	U	
	M-366	20 Apr 48	Layout of Panels to Permit Proper Cooling of Tubes and Components	C. W. Watt	U	
	Memo	21 Apr 48	M-346 "Power Supply Proposal, No. 2	J. W. Forrester	U	
	M-368	21 Apr 48	Control Pulse Output Prototype Drawing Authorization	H. Fahnestock	U	
	M-369	21 Apr 48	Program Register Prototype Drawing Authorization	H. Fahnestock	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-370	21 Apr 48	Electronic Devices with a High Emission of Secondary Electrons (Translation)	M. Daniloff	U	
	Note	22 Apr 48	Assignment of Army and Navy Personnel to Whirlwind	J. W. Forrester	U	
	MCCP-71 ¹ 57 Letter	22 Apr 48	To Special Devices Center, Office of Naval Research, N. Y. - re: Whirlwind Display System Proposal	J. W. Forrester	C	NN
	A-58	22 Apr 48	Internal Handling and Mailing of Classified Correspondence and Documents	J. W. Forrester	U	
	60-7	22 Apr 48	Proposal No. 2 Voltage Variation Panels and Indication System	F. J. Anderson	U	
	M-371	22 Apr 48	Flip-Flop Register Prototype Drawing Approval	H. Fahnestock	U	
	E-112	23 Apr 48	Tube Failures	J. J. O'Brien	U	
	Letter	23 Apr 48	To Director, Special Devices Center, N. Y. - Subj: Security Classification of Reports	J. W. Forrester	U	
	A-57	23 Apr 48	Test Equipment	R. R. Everett	U	
	M-372	23 Apr 48	Time Pulse Distributor - Output Panel Layout Authorization	H. Fahnestock	U	
	M-373	23 Apr 48	Meeting of the Electronics Group, April 9 and 16, 1948	E. S. Rich	U	
M-374	23 Apr 48	Test Procedures for WWI Tubes	N. H. Taylor	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	60-8	24 Apr 48	Accumulator Schedule	D. L. Stevens Sylvania	U	
	Letter	26 Apr 48	To Eastman Kodak Co., Rochester, N.Y. re: Prints of Proposed Power Connector	D. R. Brown	U	
	M-375	26 Apr 48	Construction of a Second Tube Tester	D. R. Brown	U	
	M-380	26 Apr 48	WWI Dynamic Analysis of D.C. Load	R. P. Mayer	U	
	M-385	26 Apr 48	Variable - Frequency Clock - Pulse Generator, Model 2	H. Kenosian	U	
	60-9	27 Apr 48	Changes to TPD Counter Panel Circuit Schematic	D. L. Stevens Sylvania	U	
	M-376	27 Apr 48	Rack Ground Bus	H. Shee	U	
	M-377	27 Apr 48	Project Whirlwind Seminar Schedule April 26 to May 26	R. R. Everett	U	
	E-113	27 Apr 48	Block Diagram of Master Clock for Whirlwind I	D. R. Brown	U	
	M-379	27 Apr 48	Voltage Regulation Proposal	C. R. Wieser	U	
	Letter	28 Apr 48	To Sylvania Products Inc., Boston - Subj: Sylvania 23 April Letter Requesting Purchase Approval of Struthers Dunn and Price Relays and Aluminum Sheet	H. R. Boyd	U	
	M-381	28 Apr 48	Time Pulse Distributor, Counter Panel Layout Authorization	H. Fahnestock	U	
	M-382	28 Apr 48	Accumulator Schedule	H. Fahnestock	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-383	28 Apr 48	Video Layouts and Mechanical Drawings for Accumulator	C. W. Watt	U	
	M-384	28 Apr 48	Discussion of Proposed Flip-Flop Register	H. Kenosian	U	
	Letter	29 Apr 48	To Technical Officer, MIT - Subj: Purchase Approval Air Conditioning Penthouse, w/attach, ONR Approval dated 7 May 1948	H. R. Boyd	U	
	M-387	29 Apr 48	WWI Video Cabling	H. Fahnestock	U	
	Memo	30 Apr 48	Cost Incurred and Fee Claimed for Current Period and from Inception of Contract to April 30, 1948	Sylvania Electric Products, Boston	U	
	M-388	30 Apr 48	Time Pulse Distributor, Counter Panel, Design Changes	H. Fahnestock	U	
	M-392	30 Apr 48	Signal Plate Assembly for ST-26	R. Shaw	U	
	M-393	30 Apr 48	Signal Plate Assembly for ST-27	R. Shaw	U	
	E-120	May 48	Power Wiring in WWI: Repetitive Elements	C. W. Watt	U	
	R-138	May 48	Glossary of Computer Terms	G. C. Hoberg J. N. Ulman	U	
	C-50	3 May 48	Project Whirlwind Seminar No. 24 Runge-Kutta Method of Numerical Integration	P. Franklin	U	
	M-394	3 May 48	Conference with Eastman at M.I.T. April 21 and 22, 1948	D. R. Brown H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	60-12	4 May 48	Painting of WWI Panels	H. Wainwright	U	
	C-51	5 May 48	Runge-Kutta Method of Numerical Integration (Lecture)	P. Franklin	U	
	E-115	5 May 48	Testing and Modification of Bus Driver Circuit BA-1	R. H. Gould	U	
	M-396	5 May 48	Preliminary Accumulator Test Specifications	N. H. Taylor	U	
	M-398	5 May 48	Cathode-Follower Probe	D. R. Brown	U	
	M-399	5 May 48	Master Clock Drawings	H. Fahnestock	U	
	M-400	5 May 48	Program Counter-Modification of Layout	H. Fahnestock	U	
	M-401	5 May 48	Check Register Checking	R. P. Mayer	U	
	E-117	6 May 48	Filament Power Panel	R. H. Murch	U	
	E-118	6 May 48	Rack Power Control Unit, Model 2	R. H. Murch	U	
	M-402	6 May 48	Panel-Selection Circuit Proposal No. 2	E. S. Rich	U	
	M-403	6 May 48	Five-Digit Multiplier Cables	H. Fahnestock	U	
	M-404	7 May 48	Relays for Voltage Variation Panels	C. W. Watt	U	
	Charts	8 May 48	WWI Computer - Material Costs; Estimated Cost of Panels, Racks and Cabinets; Man Months of Production Labor to Dec. 1948; Labor Estimate Summary and Estimated Labor Requirements in Man Months		U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-52	10 May 48	Project Whirlwind Seminar No. 26 Runge-Kutta Method of Numerical Integration	P. Franklin	U	
	E-119	11 May 48	Standard Pin Connections, Power Connector WWI	H. S Lee	U	
	M-406	11 May 48	Cross Index of New England Transformer Company Numbers to MIT S7-193 Speci- fication Numbers, and Factory Test Specifications	H. B. Morley	U	
	A-59	11 May 48	Material Control Group	H. R. Boyd	U	
	60-14	10 May 48	Time-Pulse Distributor, Output Panel	F.J. Linney Sylvania	U	
	60-15	10 May 48	A-Register Prototype	H. Fahnestock	U	
	M-407	11 May 48	Power Supplies for Sylvania Testing	R. L. Massard	U	
	M-413	11 May 48	Check Register Checking	R. P. Mayer	U	
	60-17	12 May 48	Preliminary Form of A-Register Test Specifications	N. H. Taylor	U	
	C-53	12 May 48	Project Whirlwind Seminar No. 27 Runge-Kutta Method of Numerical Integration	P. Franklin	U	
	60-18	12 May 48	Crystal Specifications	F. J. Anderson	U	
	M-397	12 May 48	Ohm Meter Schedule for Checking WWI Accumulator Panels	H. L. Ziegler	U	
	M-408	12 May 48	Check Register, Layout Changes	H. Fahnestock	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-409	12 May 48	Time Pulse Distributor, Output Panel Video Layout Approval	H. Fahnestock	U	
	M-410	12 May 48	Meeting of the Electronics Group, April 23rd and May 7th	S. H. Dodd	U	
	M-411	12 May 48	Control Pulse Delays	J. A. O'Brien	U	
	Letter	13 May 48	To MIT Technical Officer - Subj: Request for Transfer of Teletype Equipment	H. R. Boyd	U	
	60-19	13 May 48	Layout of Indication Panels for WWI	H. Fahnestock	U	
	Letter	13 May 48	To Hawkeye Camera Works, Rochester, N. Y., ref: Subcontract Work	H. R. Boyd	U	
	M-412	13 May 48	Multiplier Failure (Report No. 1)	N. Daggett	U	
	Letter	14 May 48	To International Nickel Company, Bayonne, N. J. - ref: Nickel	D. R. Brown	U	
	60-22	14 May 48	Changes Affecting Production Drawings	D. Stevens Sylvania Products	U	
	E-121	14 May 48	Gate and Delay Unit	H. Kenosian	U	
	M-418	14 May 48	Evaporation Tube ET-35	R. Shaw	U	
	C-54	17 May 48	Project Whirlwind Seminar No. 28 - Runge-Kutta Method of Numerical Investigation	P. Franklin	U	
	M-419	17 May 48	Flip-Flop Storage Output Prototype Drawing Approval	H. Fahnestock	U	
	M-420	17 May 48	Switches	R. E. Hunt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	60-23	18 May 48	Testing 93 OHM (RG-62/U) Coaxial Cable and Connectors (UG-260/U, UG-274/U, UG-306/U)	D. A. Knowlton Sylvania Products	U	
	C-55	19 May 48	Project Whirlwind Seminar No. 29, Runge-Kutta Method of Numerical Integration	P. Franklin	U	
	E-122	19 May 48	Variable Frequency Clock Pulse Generator, Model 2	H. Kenosian	U	
	M-424	19 May 48	Toggle Switch Storage, Switch Location	H. Fahnestock	U	
	M-425	19 May 48	Operation Matrix, S600 MOO-1, 2600 MOO-1	H. Fahnestock	U	
	M-426	19 May 48	Register Drivers	R. R. Everett	U	
	M-427	19 May 48	7AK7 Pin Contact	D. R. Brown	U	
	M-428	20 May 48	Fuse Indication Panel Prototype Construction Authorization	C. W. Watt	U	
	M-429	20 May 48	Control Switch Drawing T60CS00-4 Approval	H. Fahnestock	U	
	M-431	20 May 48	Time Pulse Distributor Output Panel Connections	H. Fahnestock	U	
	M-432	20 May 48	Time Pulse Distributor Counter Panel Power Connections	H. Fahnestock	U	
	E-114	21 May 48	Characteristics of Standard Flip-Flop, Basic Circuit F-FI	J. M. Hunt	U	
	E-124	21 May 48	Variable Frequency Clock Restorer Pulse Source	H. Kenosian	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-434	21 May 48	Storage Holding Stability Tests	J. W. Forrester	U	
	C-56	24 May 48	Project Whirlwind Seminar No. 30 - Runge-Kutta Method of Numerical Integration	P. Franklin		
	M-435	24 May 48	Temperature Effects on Cathode Resistance of Aged 6AG7 Tubes	J. J. O'Brien	U	
	M-437	24 May 48	Filament Connections for 3F-29's	H. Fahnestock	U	
	60-25	25 May 48	B-Register Prototype	H. Taylor-Sylvania	U	
	M-439	25 May 48	Register Design Changes	H. Fahnestock	U	
	M-441	25 May 48	Possible Omission of Program Register	R. R. Everett	U	
	Letter	26 May 48	To H. Fahnestock, Servomechanisms Lab., Subj: Amendment of Contract N50r1-60 Subcontract No. 1	A. C. Viebranz Sylvania Products	U	
	C-57	26 May 48	Project Whirlwind Seminar No. 31 Runge-Kutta Method of Numerical Integration	P. Franklin	U	
	M-442	26 May 48	Register Driver Type I, Layout	H. Fahnestock	U	
	60-26	26 May 48	Video Cabling	F. J. Anderson Sylvania Products	U	
	60-27	26 May 48	Spacing for Vertical Video Cabling Jacks on Panels	D. H. Knowlton	U	
	M-443	26 May 48	Twin Triode Change in WWI	H. Fahnestock	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	27 May 48	To Office of Naval Research Branch Office, Boston - Subj: Classification of Bi-Weekly Reports pertaining to Contract N5ori-60	Director, Special Devices Center ONR N. Y.	U	
	E-125	27 May 48	Clock Pulse Control	J. A. O'Brien	U	
	M-445	27 May 48	Electrolytic Tank	A. R. Curtiss	U	
	M-450	28 May 48	Power and Indicator Connections to Panels	C. W. Watt	U	
	M-451	28 May 48	Evaporation Tubes ET36 and ET39	R. Shaw	U	
	Memo	31 May 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to May 31, 1948	Sylvania Electric Products, Inc. Boston, Mass.	U	
	Letter	1 Jun 48	To Office of Naval Research Branch Office, Boston - Subj: Technical Necessity for Whirlwind I Power Supplies	Director, Special Devices Center, ONR N. Y.	U	
	60-32	1 Jun 48	Video Cabling Proposal	F. J. Anderson Sylvania Products	U	
	M-422	1 Jun 48	Power Supply Proposal No. 3	H. R. Boyd	U	
	R-139	1 Jun 48	Vacuum-Tube Life	D. Brown-M. Hayes J. J. O'Brien	U	
Letter	2 Jun 48	To Office of Naval Research, Boston, Mass., - Subj: Amendment of Contract N5ori-60, Subcontract No. 1	H. Fahnestock	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-452	2 Jun 48	Theory of the Action of an External Electromotive Force Upon a Trigger Circuit (Translation)	M. Daniloff E. Blumenthal	U	
	M-453	3 Jun 48	Selection of a Test Equipment Truck for WWI	R. E. Hunt	U	
	M-454	3 Jun 48	7AD7 Substitution for 6AG7 in WWI	H. Fahnestock	U	
	M-455	4 Jun 48	Restorer Pulse Generator, Layout Correction	H. Fahnestock	U	
	M-456	4 Jun 48	Accumulator Prototype	H. Fahnestock	U	
	M-457	4 Jun 48	Addition to Check Register	R. P. Mayer	U	
	Letter	7 Jun 48	To Dr. E. A. Lederer, Director of Research, Radio Corporation of America, N. J. - re: Reliability of Vacuum Tubes	D. R. Brown	U	
	M-458	8 Jun 48	Pulse Mixer	C. A. Rowland	U	
	M-459	8 Jun 48	Indicator and Voltage Variation Panel Details	C. W. Watt	U	
	M-460	8 Jun 48	Time Schedules	H. Fahnestock	U	
	M-395	9 Jun 48	Distillation in Vacuo from a Right Cylindrical Toroid	M. Daniloff	U	
	M-461	9 Jun 48	Video Cabling Method Approval	C. W. Watt	U	
	M-462	9 Jun 48	Provision for Spare Tubes	H. Fahnestock	U	
M-463	9 Jun 48	Control Pulse Output Unit Production Drawing Approval	H. Fahnestock	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-466	9 Jun 48	Rack Drawing Approval	C. W. Watt	U	
	M-467	9 Jun 48	Time Pulse Distributor, Counter Panel Layout Approval	H. Fahnestock	U	
	Letter	10 Jun 48	To J. W. Forrester - re: Project Whirlwind	N Mcl Sage, Dir. of Div. of Industrial Coop., MIT	U	
	60-40	10 Jun 48	Filament Wiring	D. L. Stevens Sylvania	U	
	60-41	10 Jun 48	Production Drawings for Fuse Indication Panel	E. J. Anderson Sylvania	U	
	M-464	10 Jun 48	The "Hard" Regime of Self-Excited Relaxation Oscillations of a Generator (Translation)	M. Daniloff E. Blumenthal	U	
	M-468	10 Jun 48	A-Register/Program - Register Production Release	H. Fahnestock	U	
	Letter	11 Jun 48	To Dr. F. N. Bishop, Eastman Kodak Co., Rochester, N. Y. - re: Progress of film-drive for film reader-recorder	H. R. Boyd	U	
	M-469	11 Jun 48	Evaporation Tube ET45	R. Shaw	U	
	M-472	11 Jun 48	Filament Transformer, WWI	H. S. Lee	U	
	M-473	11 Jun 48	Proposal for Monitoring System of WWI Power Supplies	N. H. Taylor	U	
	M-477	11 Jun 48	Proposed Register Panel	H. Kenosian	U	
60-42	10 Jun 48	WWI Power Trouble Indication System	F. J. Anderson Sylvania	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	11 Jun 48	To Special Devices Division Office of Naval Research, Long Island Subj: Eastman Film Units	H. R. Boyd	U	
	60-43	14 Jun 48	Time Schedules	D. L. Stevens Sylvania	U	
	M-444	14 Jun 48	Continuous Self-Sustained Oscillations Occurring in a Multi-Vibrator of the Abraham-Bloch Type (Translation)	M. Daniloff E. Blumenthal	U	
	M-474	14 Jun 48	Study of the Occurrence of "Jumps" in Non-Linear Systems (Translation)	M. Daniloff E. Blumenthal	U	
	M-475	14 Jun 48	Bus Driver Prototype Drawing Approval	H. Fahnestock	U	
	M-476	14 Jun 48	Frequency Divider Video Layout	H. Fahnestock	U	
	Letter	15 Jun 48	To J. W. Forrester, Servomechanisms Laboratory - re: Pulse Transformers w/attach: D. R. Brown reply dated 18 June 1948, H. R. Boyd reply dated 25 June 1948	H. R. Sanf, National Bureau of Standards	U	
	M-478	15 Jun 48	Circuit Schematic Component Serial Numbers	A. M. Falcione	U	
	E-127	15 Jun 48	Comparison of 7AD7 and 6AG7	H. Kenosian	U	
	Letter	16 Jun 48	To H. R. Boyd, MIT; re: Boyd letter to Eastman Kodak dated 11 June 1948	A. W. Tyler Eastman Kodak	U	
	M-480	16 Jun 48	Restorer Pulse Generators: Revision	H. Fahnestock	U	
	A-67	16 Jun 48	Non-Staff Organization Chart	H. R. Boyd	U	
M-481	16 Jun 48	ST-32A	P. Youtz	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-482	16 Jun 48	Thermal Expansion of Al and Al ₂ O ₃ Layer	H. Klempurer	U	
	M-484	16 Jun 48	Voltage Variation Panels	C. W. Watt	U	
	M-485	16 Jun 48	Input Output and Comparison Registers	E. S. Rich	U	
	M-486	16 Jun 48	Program Register and A-Register Similarity	E. S. Rich	U	
	M-487	16 Jun 48	Toggle-Switch Storage: Switch Location	E. S. Rich	U	
	M-501	16 Jun 48	Holding Gun Stability Tests on ST-28-1	J. S. Rochefort	U	
	M-488	17 Jun 48	Life Tests on Beryllium Storage Surfaces	H. L. Heydt	U	
	M-489	17 Jun 48	Secondary Emission Measurements on Beryllium Storage Surfaces	H. L. Heydt	U	
	M-490	17 Jun 48	In-Out Register, Omission of Manual Resets	R. R. Everett	U	
	M-492	17 Jun 48	Substitute for Delay Counter	R. P. Mayer	U	
	M-493	17 Jun 48	Warpage of Signal Plates	R. Shaw	U	
	M-494	18 Jun 48	7AK7 Tubes, Conference with E.W. Butler	H. Fahnestock	U	
	M-495	18 Jun 48	Fuse Indication Panel Production Drawing Approval	C. W. Watt	U	
	M-496	18 Jun 48	A-Register Program Register Crystal Rectifiers	H. Fahnestock	U	
	M-497	18 Jun 48	Prototypes of WWI Panels	H. Fahnestock	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-498	18 Jun 48	Program Counter Prototype Drawing Authorization	H. Fahnestock	U	
	M-499	18 Jun 48	Discussion of 7AK7 Production Emporium Pa., June 15, 1948	D. R. Brown	U	
	60-47	21 Jun 48	Video Cabling Proposal	F. J. Anderson Sylvania	U	
	E-128	21 Jun 48	Crystal Rectifiers for WWI	D. R. Brown	U	
	M-500	21 Jun 48	Fabrication of Power Cables	H. L. Lee	U	
	M-502	21 Jun 48	Meetings of Electronics Group, June 4, 11, and 18, 1948	J. J. O'Brien	U	
	A-69	23 Jun 48	Whirlwind I Approved Parts and Specifications	H. S. Fahnestock H. R. Boyd	U	
	M-503	23 Jun 48	B-Register/In-Out Register, Production Release	H. Fahnestock	U	
	M-505	24 Jun 48	Revision in Program Timing	E. I. Blumenthal	U	
	M-507	24 Jun 48	WWI Time Schedule Conference	H. Fahnestock	U	
	60-51	25 Jun 48	Flip-Flop Storage Prototype	J. Terzian Sylvania	U	
	M-511	25 Jun 48	6AG7 Life Tests	H. Fahnestock	U	
	M-510	28 Jun 48	Eastman Conference, June 24, 1948	H. R. Boyd	U	
	M-513	28 Jun 48	Power Feed to the Control Elements of WWI	E. I. Blumenthal	U	
	E-131	29 Jun 48	Testing of B-Register/In-Out Register, Digit Panel	R. H. Gould	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Memo	30 Jun 48	Cost Incurred and Fee Claimed - For Current Period and From Inception of Contract to June 30, 1948	Sylvania Electric Products, Inc. Boston, Mass.	U	
	E-129	30 Jun 48	Tube Life in the Deflection - Voltage Generators	D. R. Brown	U	
	M-514	30 Jun 48	Frequency Divider Video Lay-Out Correction	H. Fahnestock	U	
	M-515	30 Jun 48	Operation Matrix Driver Lay-Out Approval	H. Fahnestock	U	
	E-169	Jul 48	Electrostatic Storage Tube Demonstrator	J. S. Rochefort	U	
	Letter	1 Jul 48	To J. H. Halgren, RCA, Harrison, N.J. re: 7AD7 and 6AG7 Tubes	D. R. Brown	U	
	Letter	1 Jul 48	To H. Fahnestock, Servomechanisms Laboratory - Subj: Amendment of Contract N5ori-60, Subcontract No. 1	A. C. Viebranz Sylvania Electric Products, Boston	U	
	Memo	1 Jul 48	Interim Clamp Circuits	C. H. R. Campling	U	
	M-516	1 Jul 48	WWI - Meters	W. S. Rogers	U	
	M-517	2 Jul 48	Design of a Holding Gun for Use in Storage Tubes	H. Klemperer	U	
	M-518	2 Jul 48	Storage Tube Testing	S. H. Dodd	U	
	Letter	7 Jul 48	To Commanding Officer, Ofc. of Naval Res., Boston, Mass. - Subj: Request for Increase of Limitation of Cost of Subcontract No. 1 under Contract N5ori-60, Code NR-720-003, w/atch: Sylvania ltr dtd 21 Jun 48, MIT Memo dtd 25 Jun 48	J. W. Forrester	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-465	7 Jul 48	Proposal for Restorer - Pulse Distribution	G. G. Hoberg	U	
	M-520	7 Jul 48	Back Ground Bus	H. S. Lee	U	
	M-524	7 Jul 48	The Application of Newton's Method to Functional Equations (Translation)	M. Daniloff	U	
	M-525	7 Jul 48	Control Pulse Output Unit Production Release	H. Fahnestock	U	
	M-526	7 Jul 48	B-Register/In-Out Register Revised Drawing Approval	H. Fahnestock	U	
	M-527	7 Jul 48	Calibration of a15E EIMAC as an Ionization Gauge	J. H. McCusker	U	
	M-528	1 Jul 48	Control Switch Drawing Approval	H. Fahnestock	U	
	Notes	8 Jul 48	Agenda for a Conference on the Storage Tube Program	Unknown	U	
	Notes	8 Jul 48	Storage Tube Topics 6/11 to 6/25/48	Unknown	U	
	E-132	8 Jul 48	Gate-Tube Investigations	M. H. Hayes	U	
	60-57	9 Jul 48	Indication Panel Prototype	F. J. Anderson Sylvania	U	
	60-58	9 Jul 48	Price Mechanical Interlock Electrical Reset Relay No. 2759	F. J. Anderson Sylvania	U	
	M-534	13 Jul 48	Fuse Indication Panel, Prototype Approval	C. W. Watt	U	
60-61	13 Jul 48	Flip-Flop Storage Output Prototype	J. Terzian Sylvania	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-536	13 Jul 48	Fixed Voltage Switching Panels, Layout Approval	C. W. Watt	U	
	M-537	13 Jul 48	Operation Matrix Change Approval	H. Fahnestock	U	
	60-60	14 Jul 48	Video Cabling for the Arithmetic Rack Register Drivers	H. W. Taylor Sylvania	U	
	M-538	14 Jul 48	Frequency Divider Layout Approval	H. Fahnestock	U	
	M-539	14 Jul 48	Digit Interlock Panel, Layout Approval	C. W. Watt	U	
	M-540	14 Jul 48	Overhead Wireway Drawing Approval	C. W. Watt	U	
	M-533	15 Jul 48	Decimal to Binary Conversion for WWI Input	C. W. Adams	U	
	60-64	16 Jul 48	Voltage Variation Panel Prototype	F. J. Anderson Sylvania	U	
	Memo	19 Jul 48	(Administrative) Confidential Report on Visit to Sylvania Electrical Pro- ducts, Flushing, New York on July 15, 1948	R. R. Everett P. Youtz H. Kenosian	U	
	Letter	20 Jul 48	To R. D. O'Neal, Eastman Kodak Co., Rochester, N. Y. - Subj: Time Schedules	H. R. Boyd	U	
	M-541	20 Jul 48	Standard Test Specifications for WWI	C. W. Watt	U	
	E-135	20 Jul 48	Life Data of 7AD7 Tubes of Five-Digit Multiplier	J. J. O'Brien	U	
	Notes	21 Jul 48	Tests for Beryllium Strip Tube	W. J. Nolan	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-542	21 Jul 48	B-Register/In-Out Register Video Layout Revision Approval	H. Fahnestock	U	
	M-543	21 Jul 48	Restorer Pulse Generator, Layout Approval	H. Fahnestock	U	
	M-544	21 Jul 48	Conference on Installation Problems, WWI	H. S. Lee	U	
	M-545	21 Jul 48	Correspondence; MIT and Sylvania on WWI Design	H. Fahnestock	U	
	M-546	21 Jul 48	Synchronizer Design Proposal	J. A. O'Brien	U	
	M-547	21 Jul 48	Design of RT-34 Holding Gun	H. Klemperer	U	
	E-126	21 Jul 48	Scope Synchronizer	R. L. Best	U	
	Notes	22 Jul 48	Meeting with SAGE, Forrester, Boyd, Nelson, re: Budget Letter Draft	J. W. Forrester	U	
	M-549	22 Jul 48	Comment on the Two-Register Method	C. W. Adams	U	
	M-550	22 Jul 48	Check and Comparison Register Layout	H. Fahnestock	U	
	M-551	22 Jul 48	Visit to Power Equipment Company on July 2 and 12, 1948	H. R. Boyd	U	
	Letter	26 Jul 48	To Dr. W. E. Henry, University of Chicago - re: Video Amplifiers	D. R. Brown	U	
	Letter	27 Jul 48	To E. D. Seymour, Hawkeye Camera Works, Rochester, N. Y., - Subj: Electrical Brushes and Potentiometers	H. R. Boyd	U	
	M-554	27 Jul 48	Eastman Conference of July 13, 1948	H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-555	27 Jul 48	Demonstration of the Transistor at Bell Telephone Laboratories	E. S. Rich	U	
	M-556	27 Jul 48	Electronics Group Meetings, June 25, July 2, 9, and 16, 1948	J. J. O'Brien	U	
	M-558	29 Jul 48	Installation of Permanent Fixtures for WWI	C. W. Watt	U	
	M-559	29 Jul 48	Bus Driver Production Release	H. Fahnestock	U	
	M-560	29 Jul 48	Clock Pulse Control Layout Authorization	H. Fahnestock	U	
	M-561	29 Jul 48	Register Driver Type II Layout Authorization	H. Fahnestock	U	
	M-563	29 Jul 48	Holding Gun Stability Tests on ST-32 (June 3, to July 9, 1948)	J. S. Rochefort	U	
	E-136	29 Jul 48	Testing of Bus Driver Panel Prototype	R. H. Gould		
	R-142	29 Jul 48	Talk Delivered by Jay W. Forrester at U.C.L.A. (Modern Calculating Machinery and Numerical Methods Symposium, July 29, 30, and 31, 1948)	J. W. Forrester	U	
	M-562	30 Jul 48	Voltage Variation Panel, Prototype Approval	C. W. Watt	U	
	Memo	31 Jul 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to July 31, 1948	Sylvania Electric Products, Inc. Boston, Mass.	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	2 Aug 48	To J. W. Forrester - re: Presentation Delivered at U. C. L. A.	J. R. Killian, Jr. V.P., MIT	U	
	Letter	4 Aug 48	To Special Devices Center, Long Island, N. Y. - Subj: Request for Funds for Contract N5ori-60 for use from July 1, 1948 through September 30, 1948	N.L. Mc Sage	U	
	M-564	4 Aug 48	Rack Modification for Power Bay	R. E. Hunt	U	
	Memo	5 Aug 48	Visit of L. C. Mansur and C. Malik of Cambridge Field Station, August 4, 1948	R. A. Nelson	U	
	M-566	5 Aug 48	Reduction of Trigger Tube Input Admittance Parasitic Oscillations in Trigger Tubes	R. E. Hunt	U	
	E-137	5 Aug 48	Performance of Chains of Gate Tubes	J. M. Hunt	U	
	Letter	6 Aug 48	To H. R. Boyd, Servomechanisms Lab., re: Time Schedule Sheets	R. D. O'Neal Eastman Kodak Co. Rochester, N. Y.	U	
	C-58	6 Aug 48	Meeting of the Mathematics Group - The Solution of Systems of Linear Algebraic Equations by Successive Approximation	E. Reich	U	
	M-569	6 Aug 48	Register Driver, Type I, Modifications	H. Fahnestock	U	
	M-575	6 Aug 48	Recent Studies of Evaporation Techniques	R. Shaw	U	
M-572	9 Aug 48	Approval of Rack Fuse and Terminal Strips	H. S. Lee	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-573	9 Aug 48	Control Switch Output Panel Layout Approval	H. Fahnestock	U	
	Letter	10 Aug 48	To L. Pensak, Radio Corporation of America, Princeton, N. J., re: Induced Conductivity - w/attach: L. Pensak Reply dated 11 August 1948 and H. Kemperer Notes dated 16 August 1948	H. Kemperer	U	
	M-576	12 Aug 48	Resistance Measurements on Beryllium Evaporated Targets	M. Florencourt	U	
	M-578	12 Aug 48	Control Switch; Switch Panel, GT, and Switch Panel, FF, Layout Approval	H. Fahnestock	U	
	M-579	13 Aug 48	Control Switch, Indicator Panel; Layout Approval	H. Fahnestock		
	RP-WWI-116	13 Aug 48	Progress Report for WWI Electronic Digital Computer for Period 1 August 1948 - 13 August 1948	D. L. Stevens	U	
	E-138	13 Aug 48	Transient Analysis of Pulse-Transformer Load	D. R. Brown	U	
	R-141	13 Aug 48	Rectifiers Networks for Multi-Position Switching	D. R. Brown N. Rochester	U	
	Notes	16 Aug 48	Meeting with Capt. Cogswell (Air Navigation Development Board), Crawford (ONR) Doersam, Fahnestock, Boyd, Everett and Welchman on August 13, 1948	J. R. Nelson	U	
	Memo	19 Aug 48	Sylvania Cost Justifications	H. Fahnestock	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	60-73	17 Aug 48	Proposed Test Specifications for the Fuse Indication Panels	F. J. Anderson Sylvania	U	
	60-75	17 Aug 48	Test Equipment, Test Specifications and Test Procedures for Production Testing of WWI Repetitive Units	J. Terzian Sylvania	U	
	60-77	20 Aug 48	Gauges for BNC Connectors (UG-260/U, UG-261/U, UG-274/U, UG-290/U, UG-306/U)	D. H. Knowlton Sylvania	U	
	M-580	19 Aug 48	E-136, E-131, E-137 Comments	J. W. Forrester	U	
	M-581	20 Aug 48	Location of D. C. Filter Panel	H. S. Lee	U	
	M-582	20 Aug 48	Flip-Flop Design Change	H. Fahnestock	U	
	M-583	20 Aug 48	A-Register Zero Digit Video Layout Approval	H. Fahnestock	U	
	Letter	23 Aug 48	To S. J. Koch, Allen B. DuMont Laboratories Inc., Passaic, New Jersey Re: 5RP and 3JP Guns	H. Klemperer	U	
	M-587	23 Aug 48	Pulse Generator, Layout Approval	J. A. O'Brien	U	
	M-588	23 Aug 48	The Divide Control	N. L. Daggett	U	
	M-589	24 Aug 48	Fixed Voltage Switching Panels, Production Approval	C. W. Watt	U	
	M-590	24 Aug 48	Control Switch and Storage Switch Drawings	J. A. O'Brien	U	
	M-591	24 Aug 48	Restorer Pulse Generator Change	J. A. O'Brien	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	25 Aug 48	To V. Weihe, Air Transport Association Washington D. C., re: Report "Characteristics of the Private Communication Line"	R. A. Nelson	U	
	E-139	25 Aug 48	7AK7 Characteristics	J. Hunt-A. Susskind	U	
	MCCP-71755	26 Aug 48	Visit of Foreigner to Navy Project	J. W. Forrester	C	NN
	M-592	26 Aug 48	Sylvania - M.I.T. Meeting, 25 Aug 1948	C. W. Watt	U	
	M-594	26 Aug 48	The Multiplier Error Detector	N. L. Daggett	U	
	M-595	27 Aug 48	Register Driver Type I Layout Approval	N. H. Taylor	U	
	M-598	27 Aug 48	Circuit Research, Present and Future Work	D. R. Brown	U	
	M-596	30 Aug 48	Critical Temperature of Condensation of Atomic Metallic Vapors	M. Daniloff	U	
	M-597	30 Aug 48	Television "Readout" of Storage Surfaces, Part I - System Set-Up	R. L. Sisson	U	
	Memo	31 Aug 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to August 31, 1948	Sylvania Electric Products, Inc. Boston, Mass.	U	
	Letter	1 Sep 48	To Supervisory Cost Inspector, MIT - Subj: Transmittal of Amendment to Sylvania Subcontract, under Contract N5ori-60	R. A. Nelson	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	1 Sep 48	To Director, Special Devices Center Long Island, N. Y. - Subj: Trans- mittal of Amendment to Sylvania Sub- contract N5ori-60	R. A. Nelson	U	
	Letter	1 Sep 48	To Commanding Officer, Office of Naval Research, Boston: Subj: Transmittal of Amendment to Sylvania - Subcontract under Contract N5ori-60	R. A. Nelson	U	
	Letter	1 Sep 48	To Gavitt Manufacturing Co., Brookfield, Mass., re: Cables No. 8 and 9, Arithmetic Element Racks	H. S. Lee	U	
	Letter	1 Sep 48	Karp Metal Products Co., Inc., Brooklyn N. Y. - re: Operator's Consoles	C. W. Watt	U	
	Letter	1 Sep 48	Dahlstrom Metallic Door Co., Jamestown N. Y., - re: Operator's Consoles	C. W. Watt	U	
	Letter	1 Sep 48	To Dr. K. D. Swartzel, Cornell Aero- nautical Lab., Buffalo, N. Y. - re: Air Traffic Control Reports	R. A. Nelson	U	
	M-564-1	1 Sep 48	Rack Modification for Power Bay	R. E. Hunt	U	
	M-600	1 Sep 48	Mounting Holes for D. C. Filter Panel Bracket	H. S. Lee	U	
	I-O Memo	2 Sep 48	Estimated Costs of 6345 Requisitions Placed During the Month of Aug., 1948	A. J. Wilson	U	
	M-601	2 Sep 48	Revision of Control Switch Block Schematic, T60CS00-4	J. A. O'Brien	U	
	M-602	3 Sep 48	Standard Power Connectors WWI (supersedes E-119 and M-450)	H. S. Lee	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-603	3 Sep 48	Trip to David W. Taylor Model Basin August 31, 1948	E. Reich	U	
	C-60	7 Sep 48	Meetings of the Mathematics Group	P. Rabinowitz	U	
	M-606	8 Sep 48	Fuse Indication Panels, Test Specifications	C. W. Watt	U	
	M-607	9 Sep 48	Marking of Neon Light Brackets on Panels	C. W. Watt	U	
	Letter	9 Sep 48	To Dr. E. A. Lederer, Chemical and Physical Lab., RCA - Harrison, N. J. re: 6AG7 Tubes	J. J. O'Brien	U	
	Letter	9 Sep 48	To J. H. Halgren, RCA - Harrison, N. J. re: 6AG7 Tubes	J. J. O'Brien	U	
	M-609	9 Sep 48	Proposed Five-Digit Multiplier Marginal-Checking Installation	E. S. Rich	U	
	M-610	9 Sep 48	Fuse Strip for Power Rack P-1	H. S. Lee	U	
	Letter	10 Sep 48	To Sensitive Research Instrument Co., Mount Vernon, N. Y., - re: Triple- Range Microammeters	W. J. Nolan	U	
	Letter	10 Sep 48	To H. Fahnestock, Serovmechanisms Lab., MIT - re: Support of Claim for Fixed Fee on New Contract	J. A. Gage- Sylvania Electric Products Boston, Mass.	U	
	Letter	13 Sep 48	To Gavitt Manufacturing Co., Inc. Brookfield, Mass., re: Discrepancy in Drawing B32624-1 (Cables)	H. S. Lee	U	
	Letter	14 Sep 48	To Raytheon Manufacturing Co., Waltham, Mass. re: Pulse Transformers	R. A. Nelson	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-613	13 Sep 48	Digit Interlock and Fixed Voltage Switching Panels, Revision of Schedule	C. W. Watt	U	
	L-3	14 Sep 48	A Plan for Digital Information Handling Equipment in the Military Establishment	J. W. Forrester	U	
	A-71	14 Sep 48	Standards Book	Standards Committee	U	
	C-61	14 Sep 48	Meetings of Mathematics Group	M. Daniloff	U	
	Letter	15 Sep 48	To Sensitive Research Instrument Co. Mount Vernon, N. Y., re: Triple Range Microammeters	W. J. Nolan	U	
	Letter	16 Sep 48	To Special Devices Center, Office of Naval Research, N. Y. - re: Eastman Kodak Reader - Recorder Units	F. M. Bishop Eastman Kodak	U	
	60-85	16 Sep 48	Proposed Test Specifications for the Fuse Indication Panel	F. J. Anderson Sylvania	U	
	E-143	16 Sep 48	Numerical Solution of Linear Integral Equations	A. J. Perlis	U	
	E-144	16 Sep 48	Basic Circuits - Revisions	E. S. Rich	U	
	L-3	17 Sep 48	Forecast for Military Systems Using Electronic Digital Computers	J. W. Forrester	U	
	C-59	17 Sep 48	Analysis of Arithmetic Check	R. P. Mayer	U	
	60-86	17 Sep 48	Accumulator Production Drawings	H. Fahnestock	U	
	M-602-1	20 Sep 48	Standard Power Connectors, WWI	H. S. Lee	U	
	M-617	20 Sep 48	931-A Life Tests	W. J. Nolan		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-619	20 Sep 48	Installation of Equipment and Wiring in Computer Room	C. W. Watt	U	
	M-621	20 Sep 48	Check and Comparison Register Layout Approval	J. A. O'Brien	U	
	R-144	20 Sep 48	The Variable-Frequency Clock-Pulse Generator (Model 2)	H. Kenosian	U	
	60-87	21 Sep 48	Proposed Testing Specification for the Digit Interlock Panel	F. J. Anderson Sylvania Products	U	
	M-622	21 Sep 48	Register Driver, Type II, Layout	H. Fahnestock	U	
	L-4	21 Sep 48	Alternative Project Whirlwind Proposals	J. W. Forrester	U	
	M-618	21 Sep 48	Test Equipment for Production Testing of WWI Panels	H. Kenosian	U	
	M-620	21 Sep 48	Cable Terminating Resistors	H. Kenosian	U	
	Letter	22 Sep 48	To The Gavitt Manufacturing Co., Inc. Brookfield, Mass. - re: External Power Cables Revised Drawing	H. S. Lee	U	
	M-623	22 Sep 48	Present Status of Test Equipment	H. Kenosian	U	
	E-145	23 Sep 48	Elimination of Common Ground Leads	J. A. O'Brien	U	
	E-146	23 Sep 48	Control Pulse Simulation	M. Hayes	U	
	M-239-1	23 Sep 48	Order of Combination of Arithmetical Operations for Minimum Round-Off Error	H. Kenosian	U	
	I-O Memo	24 Sep 48	Estimated Costs of 6345 Requisitions Placed During the Month of September, 1948	B. M. Schmidt	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	24 Sep 48	To Sylvania Electric Products, Inc. Boston, Mass. - Subj: Letter of In- tent Increasing Limitation of Cost by \$270,745	J. W. Forrester	U	
	Letter	24 Sep 48	To: J. H. Halgren, RCA - Harrison N.J. re: Aged RCA 6AG7 Tubes	J. J. O'Brien	U	
	Letter	27 Sep 48	To J. W. Forrester, Servomechanisms Laboratory, MIT - re: Tube-to-Socket Difficulties - w/attach: J. W. Forrester's Reply dated 2 Nov. 1948	G. W. Hobbs General Electric Schenectady, N. Y.	U	
	E-147	27 Sep 48	The Error in the Runge-Kutta Method	P. Rabinowitz	U	
	M-624	27 Sep 48	Video Busses for WWI	C. W. Watt	U	
	MCCP-71756	29 Sep 48	Alien Visit to Project Whirlwind	J. W. Forrester	C	NN
	M-626	29 Sep 48	Staff Indoctrination Program	J. C. Proctor	U	
	E-148	29 Sep 48	The Solution of Systems of Linear Algebraic Equations by Successive Approximation	E. Reich	U	
	M-658	29 Sep 48	Storage Holding Stability Tests on RT-36	N. S. Zimbel	U	
	Memo	30 Sep 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to September 30, 1948	Sylvania Electric Products, Inc.	U	
	E-149	30 Sep 48	History of Storage Tube Program	S. Dodd-M. Florencourt	U	
	M-629	30 Sep 48	Conferences at Power Equipment Co. - Detroit, August 13 & September 28, 1948	H. R. Boyd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	I-O Memo	1 Oct 48	Estimated Costs of 6345 Requisitions Placed During the Month of September 1948	B. M. Schmidt	U	
	Letter	1 Oct 48	To F. W. Tietsworth, General Electric Co., Schenectady, N. Y. - re: Poor Life Characteristics of 6AG7 Tubes	J. J. O'Brien	U	
	E-154	1 Oct 48	Further Development of Beryllium Evaporation Tubes	H. Klemperer M. Florencourt	U	
	M-632	1 Oct 48	Correspondence, MIT and Sylvania on WWI Design	H. Fahnestock	U	
	M-634	1 Oct 48	Eastman Conference on September 29, 1948	J. A. O'Brien	U	
	M-633	4 Oct 48	Clock Pulse Control, Addition of a Tube to Circuit Schematic R-31916	J. A. O'Brien	U	
	60-94	4 Oct 48	Bounce Time of a Relay	F. Anderson Sylvania	U	
	M-635	4 Oct 48	Tests on A-Register Digit Panel Serial #14	R. H. Gould	U	
	Letter	5 Oct 48	To J. W. Forrester, Servomechanisms Lab, MIT - re: Cost Quotation Concerning Sylvania Subcontract	A. C. Viebranz Sylvania Electric Products, Boston	U	
	E-150	5 Oct 48	Filament Voltage Regulator for Five Digit Multiplier	J. J. Gano	U	
	E-151	5 Oct 48	Voltage Regulation of Laboratory Central D.C. Power Supplies	C. R. Wieser	U	
	M-636	5 Oct 48	Accumulator, Deviation from Specification	H. Fahnestock	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Memo	6 Oct 48	Sylvania Forecast	H. Fahnestock	U	
	M-637	6 Oct 48	B-Register In-Out Register Deviation from Specification	H. Fahnestock	U	
	M-638	7 Oct 48	Flip-Flop Storage Register Production Release	H. Fahnestock	U	
	M-639	7 Oct 48	Flip-Flop Storage Output Production Release	H. Fahnestock	U	
	Letter	8 Oct 48	To D. L. Stevens, Sylvania Electric Products, Inc., Boston - re: Subcontract Fund Allocation	H. Fahnestock	U	
	M-640	8 Oct 48	Block Diagrams	A. M. Falcione	U	
	M-641	8 Oct 48	Television Read-Out of Storage Surfaces	R. L. Sisson	U	
	L-5	11 Oct 48	Project Whirlwind, Principles Governing Servomechanisms Laboratory Research and Development	J. W. Forrester	U	
	L-6	11 Oct 48	Comparison Between the Computer Programs at the Institute for Advanced Study & MIT Servomechanisms Lab	J. W. Forrester R. R. Everett	U	
	E-153	11 Oct 48	Flip-Flop Operation in WWI Circuits	R. L. Best	U	
	M-217-1	11 Oct 48	Description of WWI Codes	C. W. Adams	U	
	M-642	11 Oct 48	Elimination of Special Restorer Pulse Line	J. M. Salzer	U	
	60-97	13 Oct 48	Proposed Test Procedures for Voltage Variation Panel	F. J. Anderson Sylvania	U	
M-644	14 Oct 48	Renumbering of WWI Operations Code	R. P. Mayer	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-645	15 Oct 48	Register Driver Type II, Quantity Required	H. Fahnestock	U	
	M-649	18 Oct 48	Some New Orders for WWI	C. W. Adams R. P. Mayer	U	
	M-651	18 Oct 48	Joggle Switch Storage Layout Approval	J. A. O'Brien	U	
	Notes	19 Oct 48	Regarding Visit of A. H. Taub - University of Illinois	J. W. Forrester	U	
	Letter	19 Oct 48	To H. R. Boyd, Servomechanisms Lab., re: Reader-Recorder, w/attach; J. A. O'Brien's reply dated 25 October 1948	R. D. O'Neal Eastman-Kodak Co. Rochester, N. Y.	U	
	M-646	19 Oct 48	Video Cabling, Conference of October 15	C. W. Watt	U	
	M-652	19 Oct 48	Toggle Switch Storage Output, E-32721-1	J. A. O'Brien	U	
	M-653	19 Oct 48	Restorer Pulse Generator	H. Fahnestock	U	
	M-654	19 Oct 48	Control Switch Indicator Panel, Layout Approval	J. A. O'Brien	U	
	M-655	19 Oct 48	Operation Matrix Installation of Crystals	H. Fahnestock	U	
	A-67-1	20 Oct 48	Non-Staff Organization Chart	H. R. Boyd	U	
	M-656	20 Oct 48	Register Driver Type II Production Release	H. Fahnestock	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-156	20 Oct 48	"Natural" Frequency of Vibration of Grid of E. S. Storage Tube	M. Daniloff	U	
	M-659	20 Oct 48	The Problem of Scale Factor as Applied to Non-Simulator Problems	J. W. Carr III	U	
	R-152	20 Oct 48	Binary Counter Application of the Whirlwind Flip-Flop	H. Kenosian	U	
	E-155	21 Oct 48	Trigger-Tube Circuits	A. K. Susskind	U	
	M-660	21 Oct 48	Time Pulse Distributor Output Deviation from Specification	H. Kenosian	U	
	Memo	22 Oct 48	Breakdown of September Costs	H. R. Boyd	U	
	E-156-1	22 Oct 48	"Natural" Frequency of Vibration of Grid of E. S. Storage Tubes	M. Daniloff	U	
	M-661	22 Oct 48	Tube Development by the G. E. Co.	E. S. Rich	U	
	M-662	22 Oct 48	Test Equipment Summary	N. H. Taylor	U	
	Letter	25 Oct 48	To F. W. Tietsworth, General Electric Co., Schenectady, N. Y., re: Deteriorated 6AG7 Tubes	J. J. O'Brien	U	
	Letter	25 Oct 48	To Gavitt Manufacturing Co., Brookfield Mass., - re: External Power Cables	H. S. Lee	U	
	E-157	25 Oct 48	"Natural" Frequency of Transverse Vibration of Square Grid of E.S. Tubes	M. Daniloff	U	
	M-664	26 Oct 48	Video Cabling, Detail Marking of	C. W. Watt	U	
	M-666	28 Oct 48	Accumulator, Zero Digit	H. Fahnestock	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-159	28 Oct 48	Block Diagram Revision - Nomenclature	J. M. Salzer	U	
	M-667	28 Oct 48	Summary of Storage Tube Testing	C. L. Coderman J. S. Rochefort R. L. Sisson	U	
	Memo	31 Oct 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to October 31, 1948	Sylvania Electric Products, Inc. Boston, Mass.	U	
	Memo	1 Nov 48	Estimated Costs of 6345 Requisitions Placed During the Month of October 1948	B. M. Schmidt	U	
	C-62	1 Nov 48	Applications Study Group	J. W. Forrester	U	
	M-671	1 Nov 48	Clock Pulse Control; Layout Approval	J. A. O'Brien	U	
	L-7	2 Nov 48	Visitors to Project Whirlwind	J. W. Forrester	U	
	M-672	2 Nov 48	Priority for Tube Construction	P. Youtz	U	
	M-673	2 Nov 48	Tests on ST-37	R. L. Sisson	U	
	M-676	3 Nov 48	Model I Storage Tube	S. Dodd - W. Nolan	U	
	60-104	3 Nov 48	Summary of Results of A and Program Register Tests	R. J. Connors Sylvania Electric	U	
	E-161	4 Nov 48	Code for Solution of Simultaneous Equations by Elimination	A. Order	U	
	M-681	5 Nov 48	Approval of Test Specifications for Digit Interlock and Voltage Variation Panels	C. W. Watt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-689	5 Nov 48	The Effect of Non-Uniform Holding Beam Velocity on Signal Stability	W. J. Nolan	U	
	60-107	8 Nov 48	Check Register - Comparison Register Prototype	O. V. Gruenke Sylvania	U	
	M-682	9 Nov 48	Partial List of Wiring Installation Computer Room	C. W. Watt	U	
	C-63	9 Nov 48	Applications Study Group, November 9 to 16	J. W. Forrester	U	
	C-64	10 Nov 48	Coding the Evaluation of SINX	J. W. Forrester	U	
	M-687	11 Nov 48	Storage Group Organization	R. R. Everett	U	
	M-685	12 Nov 48	Program Counter Production Release	H. Fahnestock	U	
	M-686	12 Nov 48	Deviations from Specifications: Fuse Strip; Register Driver, Type I; Control Switch; Frequency Divider; Time Pulse Distributor Counter	H. Fahnestock	U	
	C-65	12 Nov 48	Hints for Problem, November 9 to 16	J. M. Salzer R. P. Mayer	U	
	C-66	12 Nov 48	Standardization of Coding Abbreviations	R. P. Mayer J. M. Salzer	U	
	E-163	12 Nov 48	Aged 7AD7 Tubes	J. J. O'Brien	U	
	C-67	15 Nov 48	A Solution of Problem, November 9 to 16	J. M. Salzer R. Mayer - C. Adams	U	
	E-162	15 Nov 48	Extension of Runge-Kutta Method to Differential Equations of Order n, where n is Greater than 4	P. Rabinowitz	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-68	16 Nov 48	Problem for November 16 to 23	T. W. Hildebrandt P. Rabinowitz	U	
	M-688	16 Nov 48	Priorities for Tube Construction	P. Youtz	U	
	M-690	17 Nov 48	Auxiliary and Bias Interlock Panel	H. S. Lee	U	
	M-692	17 Nov 48	RT-41	W. Nolan - C. Watt M. Florencourt	U	
	M-693	17 Nov 48	Video Busses	C. W. Watt	U	
	M-695	17 Nov 48	ST-48 Construction and Processing	M. Florencourt	U	
	E-164	18 Nov 48	Natural Frequencies of Vibration of the Circular Grid with Central Support of E. S. Astorage Tubes	M. Daniloff	U	
	M-696	18 Nov 48	RG-58/U Cable Fittings	C. W. Watt	U	
	L-8	19 Nov 48	Cost Trends, Contract N5ori-60	J. W. Forrester	U	
	C-71	19 Nov 48	Hints for Problem, November 16 to 23	T. W. Hildebrandt P. Rabinowitz	U	
	C-70	22 Nov 48	Codes for the Sine and Cosine	P. Franklin	U	
	C-72	22 Nov 48	Solutions of Problems in C-68	T. W. Hildebrandt	U	
	M-698	22 Nov 48	Proposal for New Orders	R. P. Mayer J. M. Salzer	U	
	M-702	22 Nov 48	Measurement of Velocity and Intensity Distribution of Electrons in the High Velocity and Holding Beam of the Storage Tube	H. Klemperer	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-73	23 Nov 48	Problem for November 23 to 30	P. Rabinowitz	U	
	M-699	23 Nov 48	Conference on Operator's Console	C. W. Watt	U	
	M-700	23 Nov 48	Vacuum-Tube Studies and Flip-Flop Circuits	J. J. O'Brien	U	
	M-701	23 Nov 48	ST-41 - Objective Construction and Processing	M. Florencourt	U	
	M-704	23 Nov 48	Thyratron Control of AC Spot Welder for Storage Tube Assembly	H. Klemperer	U	
	M-705	24 Nov 48	End Carry for Point Off	R. P. Mayer G. C. Hober	U	
	C-74	26 Nov 48	Code for the Square Root	P. Franklin	U	
	M-714	29 Nov 48	ST-53 Construction and Processing	M. Florencourt	U	
	M-715	29 Nov 48	Check Register/Comparison Register, Production Release	H. Fahnestock	U	
	Memo	30 Nov 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to November 1948	Sylvania Electric Products, Inc. Boston, Mass.	U	
	E-165	30 Nov 48	Summary of Tube Information on Plate Current Deterioration	N. H. Taylor	U	
	Memo	1 Dec 48	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of November, 1948	A. Connor	U	
	M-718	1 Dec 48	G108 Check Registers	J. M. Salzer	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-75	2 Dec 48	Meeting on December 7 - Conference Note C-74	W. G. Welchman	U	
	C-76	2 Dec 48	Solution of Problems in Conference Note C-73	W. G. Welchman	U	
	M-720	2 Dec 48	Synchronization with the Synchronizer	J. M. Salzer	U	
	M-724	2 Dec 48	ST 53: Test Results	M. Florencourt	U	
	M-722	2 Dec 48	Special Clear and Computer Complement	J. M. Salzer	U	
	Letter	3 Dec 48	To F. W. Tietsworth, General Electric Co., Schenectady, N. Y. re: Tube Deterioration	E. S. Rich	U	
	E-166	3 Dec 48	Simulation of Empirical Functions by Polynomials	M. Daniloff	U	
	Memo	3 Dec 48	Logistics Discussion with Admiral Carney	J. W. Forrester	U	
	RL34 V.1	3 Dec 48	Five-Digit Multiplier	N. H. Taylor	U	
	RL34 V.2	3 Dec 48	The Five-Digit Multiplier	N. H. Taylor	U	
	Letter	6 Dec 48	To H. R. Boyd, Servomechanisms Lab., re: Progress of Subcontract Work	R. D. O'Neal Eastman Kodak Co.	U	
	C-77	6 Dec 48	Codes for the Square Root II	P. Franklin	U	
	M-703-1	6 Dec 48	Video Cabling Schedules, Forms and Drawing Numbers	C. W. Watt	U	
M-726	6 Dec 48	The Dispersion Action of the Collector	J. S. Rochefort	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	7 Dec 48	To: H. Fahnestock - Servomechanisms Laboratory, MIT - Statement and Analysis of Future Costs	J. A. Gage Sylvania Electric Boston, Mass.	U	
	C-78	7 Dec 48	Problem for December 7 to 13	E. Reich	U	
	M-723	7 Dec 48	Deviations of Arithmetic Element Video Cabling	R. H. Murch	U	
	C-79	7 Dec 48	Ship Control Problem	W. G. Welchman	U	
	M-727	7 Dec 48	ST-47	M. Florencourt	U	
	M-728	7 Dec 48	Marking of Power Panels	H. Fahnestock	U	
	R-145	7 Dec 48	The Register Panel (A.C. Coupled)	H. Kenosian	U	
	E-167	8 Dec 48	A-C Power in WWI	C. W. Watt	U	
	M-729	9 Dec 48	Initial Testing of ST-29	C. L. Corderman	U	
	A-55-1	10 Dec 48	Security and Classification	J. W. Forrester H. R. Boyd	U	
	C-80	10 Dec 48	Ship Control Problem	W. G. Welchman	U	
	M-732	13 Dec 48	Tolerances for Video Cable Lengths	R. H. Murch	U	
	M-739	14 Dec 48	Storage Tube 54: Construction Processing and Testing	M. Florencourt	U	
	C-82	15 Dec 48	Problem for December 21, 1948	W. G. Welchman	U	
	M-735	16 Dec 48	Letter to Mr. H. Wainwright, Sylvania Electric Co., Forsyth St., Boston re: Contract Costs	H. Fahnestock	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-185	16 Dec 48	Beryllium Strip Tubes, Test Result on RT-37, RT-38 and RT-41	J. H. McCusker	U	
	M-737	17 Dec 48	Changes in Test Storage Switching	J. M. Salzer R. P. Mayer	U	
	M-738	17 Dec 48	Alteration of Clock Pulse Control	R. P. Mayer	U	
	E-168	17 Dec 48	D-C Coupled Flip-Flops	C. A. Rowland	U	
	M-740	20 Dec 48	Potential Field and Electron Trajectories in the Holding Gun	H. E. Rowe	U	
	M-741	21 Dec 48	Special Display	J. M. Salzer R. P. Mayer	U	
	E-173	21 Dec 48	Storage Tube 56: Construction and Processing	M. Florencourt	U	
	C-83	22 Dec 48	The Process of Turning of a Ship	M. Daniloff	U	
	M-742	22 Dec 48	ST-41 Tests	H. E. Rowe	U	
	C-84	23 Dec 48	Applications Group Working Notes, December 21 to 28	W. G. Welchman	U	
	L-9	27 Dec 48	6345 Cost Analysis	J. W. Forrester	U	
	Letter	28 Dec 48	To J. W. Forrester, MIT - Servo-mechanisms Lab., - re: Contract Costs	H. Wainwright Sylvania Electric Products, Boston	U	
	M-745	28 Dec 48	Use of RG-58/U Cable in WWI	C. W. Watt	U	
	E-174	28 Dec 48	Storage Tube 57: Construction and Processing	M. Florencourt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-175	28 Dec 48	Storage Tube 60 - Construction and Processing	M. Florencourt	U	
	C-85	29 Dec 48	Applications Study Group Working Notes, December 28 to January 4	W. G. Welchman	U	
	M-611-1	30 Dec 48	The Dispersion of the Holding Gun Beam Within the Collector to Target Surface Field	J. S. Rochefort	U	
	M-747	30 Dec 48	High Repetition Rate Write-Read Unit (Preliminary Report)	N. S. Zimbel	U	
	M-766	30 Dec 48	Anodizing Procedure	J. S. Palermo	U	
	Memo	31 Dec 48	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to Dec. 31, 1948	Sylvania Electric Products, Inc. Boston, Mass.	U	
	Memo	3 Jan 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of December 1948	A. Connor	U	
	M-748	4 Jan 49	Register Driver Type I, Power Connector Changes	H. Fahnestock	U	
	C-86	5 Jan 49	Applications Study Group Working Notes, January 4 to January 11	W. G. Welchman	U	
	C-86-1	6 Jan 49	Applications Study Group Working Notes, January 4 to January 11	W. G. Welchman	U	
	Memo	7 Jan 49	To J. W. Forrester, re: Sylvania's Request to Use Whirlwind Test Equipment Drawings	R. A. Nelson	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-754	7 Jan 49	Holding Beam Trajectories and Potential Field in the Storage Tube	H. Rowe	U	
	60-116	11 Jan 49	Status Report - Toggle Switch Storage	F. O'Hearn Sylvania	U	
	M60-117	11 Jan 49	Status Report - Clock Pulse Control	F. O'Hearn Sylvania	U	
	C-87	12 Jan 49	Working Notes January 11-18	W. G. Welchman	U	
	L-10 (Draft)	13 Jan 49	Analysis of Whirlwind Program	J. W. Forrester	U	
	Letter	13 Jan 49	To H. R. Boyd, Servomechanisms Lab., Subj: Contract N8ori-617 (N8720 008) Time Schedule	R. D. O'Neal Eastman Kodak Rochester, N. Y.	U	
	M-760	18 Jan 49	Testing of Storage Tube 45	A. H. Ballard	U	
	E-170	18 Jan 49	Codes for the Evaluation of e^{-x} and in x	T. W. Hildebrandt	U	
	E-177	18 Jan 49	Changes Required to Shift Zeros into BR-15	J. M. Salzer R. P. Mayer	U	
	E-176	18 Jan 49	Changes Required for Clearing Carrys on Divide	J. M. Salzer R. P. Mayer	U	
	E-178	18 Jan 49	Standard Tests for Reference in Storage Tube Evaluation	S. H. Dodd C. L. Corderman	U	
	E-179	18 Jan 49	Quality Study of WWI Electron Tubes	R. L. Ellis	U	
	R-143	18 Jan 49	Specifications for Standard Test Equipment	N. H. Taylor (for Committee)	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-183	19 Jan 49	Storage Tube ST-69: Construction and Processing	M. Florencourt	U	
	C-88	19 Jan 49	Flow Diagram II, for Ship Control Problem	R. P. Mayer	U	
	60-119	19 Jan 49	Report on the Testing and Pre-burning of the 7AD7 and 7AK7 Tubes	R. S. Fallows Sylvania	U	
	E-180	20 Jan 49	Storage Tube 62: Construction and Processing	M. Florencourt	U	
	C-89	20 Jan 49	Applications Study Group Working Notes, January 20 to 27	W. G. Welchman	U	
	E-181	21 Jan 49	Research Tube 47 - Construction and Processing	M. Florencourt	U	
	E-182	21 Jan 49	Storage Tube ST-61 - Construction and Processing	M. Florencourt	U	
	R-153	24 Jan 49	Electrostatic Storage Tubes for Digital Computers and Other Information Processing Systems	J. W. Forrester	U	
	E-184	25 Jan 49	Storage Tube ST-63: Construction and Processing	M. Florencourt	U	
	M-765	26 Jan 49	Eastman Conference - Jan. 25, 1949	H. R. Boyd	U	
	E-154-1	26 Jan 49	Further Development of Beryllium Evaporation Tubes	H. Klemperer M. Florencourt	U	
	Letter	27 Jan 49	To H. R. Boyd, Servomechanisms Lab., re: Permission to Extend Sylvania Subcontract	Office of Naval Research, Boston	U	
E-186	27 Jan 49	Storage Tube ST-68: Construction	M. Florencourt	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-90	28 Jan 48	Applications Study Group Working Notes, January 27 to February 1	W. G. Welchman	U	
	Notes	28 Jan 49	Visit of Officers from Naval Service Headquarters, Canadian Royal Navy	J. W. Forrester	U	
	E-187	28 Jan 49	Influence of Ions on Holding Beam in Storage Tube	H. Klemperer	U	
	C-91	31 Jan 49	A Ballistic Problem	P. Franklin	U	
	Memo	31 Jan 49	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to January 31, 1949	Sylvania Electric Products, Inc. Boston, Mass.	U	
	E-191	31 Jan 49	Research Tube RT-50: Construction and Processing	M. Florencourt		
	Memo	1 Feb 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of January, 1949	A. Connor	U	
	M-779	1 Feb 49	Testing of Storage Tubes ST-40 and ST-48	C. L. Corderman	U	
	C-92	2 Feb 49	Applications Study Group Working Notes, February 1 to 8	W. G. Welchman	U	
	E-189	2 Feb 49	A Method of Determining Tube Types for Digital Computers	H. Kenosian	U	
	M-772	2 Feb 49	Sylvania-MIT Design Correspondence	H. Fahnestock	U	
Memo	3 Feb 49	Visit of E. Cullwick and C. Turner of Canadian Defense Research Board, January 31, 1949	S. H. Dodd	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-768-1	4 Feb 49	Navy Logistics: Note for Members of the ONR Committee Studying the Application of Computers	W. G. Welchman	U	
	M-777	4 Feb 49	Control Switch Output Drawing Changes	H. Fahnestock	U	
	M-774-1	7 Feb 49	Tube Conferences - January 31, 1949	E. S. Rich	U	
	Memo	8 Feb 49	Nottingham's Comments on Storage Tube Patents	P. Zoutz	U	
	MCCP-71754	9 Feb 49	To N. McL Sage, MIT - Subj: Visit of Foreigners (Royal Canadian Navy) to Classified Navy Project	J. W. Forrester	C	NN
	E-192	9 Feb 49	Testing of Storage Tube ST-69	H. E. Rowe	U	
	E-193	9 Feb 49	Storage Tube ST-67: Construction and Processing	M. Florencourt	U	
	60-130	10 Feb 49	6AG7 Life Test	H. W. Taylor Sylvania	U	
	M-783	10 Feb 49	Envelope Daggging	J. S. Palermo	U	
	C-95	11 Feb 49	Applications Study Group Working Notes, February 8 to 15	W. G. Welchman	U	
	E-195	14 Feb 49	Status of Research on Magnetic Recording	G. Cooper	U	
	C-81	14 Feb 49	Solution of Problems Stated in C-78	W. G. Welchman	U	
	C-93	14 Feb 49	Notations for Coding	W. G. Welchman	U	
	C-94	14 Feb 49	Example of Coding Procedure	W. G. Welchman	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-194	14 Feb 49	Vertical Parabolz Through n-Points	P. Franklin	U	
	E-196	14 Feb 49	Storage Tube ST-71: Construction Processing and Initial Testing	M. Florencourt	U	
	L-11	15 Feb 49	Information on Project Whirlwind I as requested by Lt. Cmdr. Rubel, Research and Development Board (in letter dated 7 February 1960	J. W. Forrester	U	
	MCCP-71752	16 Feb 49	To N. McL Sage; Subj: Visit of Foreigner (University of Pennsylvania) to Classified Navy Project	J. W. Forrester	C	NN
	M-788	16 Feb 49	Suggestions for Mental or Manual Binary Conversion	C. W. Adams	U	
	E-197	16 Feb 49	An Investigation of Basic Circuit BA-2	H. B. Frost	U	
	E-198	16 Feb 49	Storage Tube ST-64: Construction Processing and Initial Testing	M. Florencourt	U	
	R-154	16 Feb 49	Outlook for Electronic Digital Computers - The Scope of the Engineering Involved	J. W. Forrester	U	
	C-97	17 Feb 49	Applications Study Group Working Notes, February 15 - 29	W. G. Welchman	U	
	C-98	18 Feb 49	Ballistic Problem - Simplified Flow Diagram for Runge-Kutta Method	T. W. Hildebrandt	U	
	E-199	18 Feb 49	Storage Tube ST-51: Construction Processing and Initial Testing	M. Florencourt	U	
	M-791	21 Feb 49	Tube-Life Investigations	E. S. Rich	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-792	23 Feb 49	Tables of Binary and Decimal Numbers	C. W. Adams R. P. Mayer	U	
	M-794	24 Feb 49	Conference on Vacuum-Tube Problems February 17, 1949	E. S. Rich	U	
	MCCP-71751	28 Feb 49	To N. Mcl Sage - Subj: Visit of Foreigners (British Joint Services Mission) to Classified Navy Projects	J. W. Forrester	C	NN
	Memo	28 Feb 49	Sylvania Subcontract Termination Conference	H. Fahnestock	U	
	Memo	28 Feb 49	Cost Incurred and Fee Claimed - For Current Period and from Inception of Contract to February 28, 1949	Sylvania - Boston	U	
	E-208	28 Feb 49	Storage Tube ST-73: Construction Processing and Initial Testing	M. Florencourt	U	
	E-207	1 Mar 49	Nomogram for Determining Thickness of Beryllium Film	R. Shaw	U	
	Memo	2 Mar 49	Estimated Costs of 6345 Requisitions and Work Orders Placed during the Month of February 1949	A. Connor	U	
	E-209	4 Mar 49	Storage Tube ST-65: Construction Processing, and Initial Testing	M. Florencourt	U	
	C-99	6 Mar 49	Runge-Kutta Method Applied to a Simplified Problem	T. W. Hildebrandt	U	
	Letter	8 Mar 49	To H. Fahnestock, Servomechanisms Lab., re: Overhead Rates	J. A. Gage Sylvania - Boston	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-212	8 Mar 49	Storage Tube ST-75: Construction Processing and Initial Testing	M. Florencourt	U	
	E-213	10 Mar 49	FF Sensitivity in WWI	R. L. Best	U	
	M-802	14 Mar 49	Report on a Visit to Bell Telephone Laboratories Concerning the Transistor March 11, 1949	R. L. Sisson	U	
	M-801	16 Mar 49	Conference at RCA on Vacuum Tube Life	E. S. Rich	U	
	Memo	17 Mar 49	Sylvania Additional Work	H. Fahnestock	U	
	A-83	17 Mar 49	Drafting Standards S1.0 and S1.1 WWI Component Standards S7.0 to 7.29, and WWI General Standards S7.5	C. W. Watt	U	
	M-803	17 Mar 49	Program Counter Quantities	H. Fahnestock	U	
	M-804	17 Mar 49	Summary of Accumulator Test Results	G. C. Sumner	U	
	E-214	17 Mar 49	Storage Tube ST-77: Construction Processing and Initial Testing	M. Florencourt	U	
	M-807	18 Mar 49	Decimal to Binary Conversion Program	C. W. Adams	U	
	E-216	18 Mar 49	Holding-Beam Trajectories and Potential Field Near the Storage Surface	H. E. Rowe	U	
	C-101	21 Mar 49	Binary to Decimal Conversion, Meeting of March 22, 1949	C. W. Adams	U	
	M-809	21 Mar 49	Control Desk Push Buttons	J. A. O'Brien	U	
	E207-1	22 Mar 49	Nomogram for Determining Thickness of Beryllium Film	R. Shaw	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-810	23 Mar 49	Proposed Modifications of Existing Deflection - Voltage Generator for Use in Special Display	A. K. Susskind	U	
	M-811	23 Mar 49	Check Register Video Cabling	R. H. Murch	U	
	M-812	24 Mar 49	Standardizer Amplifier, Design and Construction	H. Fahnestock	U	
	M-813	24 Mar 49	Program Register, Use as Storage Register	R. R. Everett	U	
	M-824	24 Mar 49	Charts for Temperature Computations	R. Shaw	U	
	M-817	25 Mar 49	Selection of Voltage Variation Circuits	C. W. Watt	U	
	E-219	25 Mar 49	Electrostatic Storage Control	S. Dodd- N. Taylor R. Everett - J. O'Brien R. P. Mayer	U	
	Memo	28 Mar 49	Electrostatic Storage Control - Central Control	R. P. Mayer		
	MCCP-71750	28 Mar 49	To N. Mcl. Sage - Subj: Visit of Foreigner (UNESCO) to Navy Project	J. W. Forrester	C	NN
	M-818	29 Mar 49	In-Out Control	J. O'Brien- E.S. Rich J. Salzer - R. Everett	U	
	M-819	30 Mar 49	Checking Methods - Use of Check Register	N. H. Taylor	U	
	M-820	30 Mar 49	Systems Operation, Trouble Location	N. H. Taylor	U	
	E-220	30 Mar 49	Demonstration Problems for Whirlwind I with Test Storage	G. Cooper	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-221	30 Mar 49	Standard Tests for Storage Tubes	A. H. Ballard C. L. Corderman	U	
	R-155	30 Mar 49	Application of Digital Computers to Simulation of the Anti-Submarine Problem	J. W. Forrester R. R. Everett	U	
	Letter	31 Mar 49	To H. Fahnestock, Servomechanisms Laboratory, re: Subcontract	J. A. Gage Sylvania Electric	U	
	Memo	31 Mar 49	Cost Incurred and Fee Claimed for Current Period and from Inception of Contract to March 31, 1949	Sylvania Electric Products, Boston	U	
	Memo	31 Mar 49	Visit to Vickers, Inc., Detroit, Michigan - 15 March 1949	G. S. Brown	U	
	M-821	31 Mar 49	Non-Standard Primary Power Connectors	H. S. Lee	U	
	M-822	31 Mar 49	WWI Panel Assignment	H. Fahnestock	U	
	Memo	1 Apr 49	Cost Incurred and Fee Claimed - for Current Period and from Inception of Contract During the Month of March 1949	Sylvania Electric Products, Boston	U	
	C-103	1 Apr 49	A Code for the Ballistic Problem	T. W. Hildebrandt	U	
	Memo	4 Apr 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of March 1949	A. Connor	U	
M-827	4 Apr 49	Summary of B-Register/In-Out Register Test Results	G. C. Sumner	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-222	4 Apr 49	Low Emission 6AS6 Tubes	H. B. Frost	U	
	C-104	5 Apr 49	Meeting of 5 April 1949	C. W. Adams	U	
	M-828	5 Apr 49	In-Out Orders	J. M. Salzer	U	
	E-223	5 Apr 49	Storage Tube ST81: Construction Processing and Initial Testing	M. Florencourt	U	
	Letter	6 Apr 49	To Office of Naval Research, Boston Mass., Subj: Termination of Sylvania Subcontract Number 1, Contract N5ori-60	H. R. Boyd	U	
	M-829	6 Apr 49	Glossary of Storage - Tube Terms and Addition to Glossary of Computer Terms	S. H. Dodd M. Florencourt	U	
	L-12	8 Apr 49	Suggested Topics for ONR Conference		U	
	C-102-1	8 Apr 49	Decimal to Binary Conversion	C. W. Adams	U	
	E-225	11 Apr 49	Study of Input Output Checking	J. M. Salzer	U	
	R-147	11 Apr 49	The Pulse Standardizer	H. Kenosian	U	
	R-158	12 Apr 49	Information System of Interconnected Digital Computers for Anti-Submarine Naval Group	J. W. Forrester R. R. Everett	U	
	R-161	14 Apr 49	Whirlwind I Test Control	G. G. Hoberg	U	
	E-226	15 Apr 49	Storage Tube ST-80: Construction Processing and Initial Testing	M. Florencourt	U	
	E-227	15 Apr 49	Storage Tube ST-82: Construction Processing and Initial Testing	M. Florencourt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-105	18 Apr 49	Numerical Determination of Eigen-Values of Arbitrary Order for a Special Class of Differential Equations	M. Daniloff	U	
	Letter	20 Apr 49	To Prof. E. M. Boone, Ohio State University, Dept. of Elec. Eng., re: Life Characteristics of Oxide-Coated Cathode Vacuum Tubes	E. S. Rich	U	
	M-834	20 Apr 49	Change in Video Cabling to Comparison Register	C. W. Watt	U	
	C-96	20 Apr 49	Explanation of the Applications Study Group	W. G. Welchman	U	
	E-228	20 Apr 49	Storage Tube ST-83: Construction Processing and Initial Testing	M. Florencourt	U	
	Letter	21 Apr 49	To C. F. Coon, Tung-Sol Lamp Works Inc., Bloomfield, N. J. - re: Life Tests on 5687 Tubes	E. S. Rich	U	
	M-835	22 Apr 49	Variable Voltage Circuits, Marginal Checking, Whirlwind I	H. S. Lee	U	
	M-837	22 Apr 49	Input-Output Meeting with Representatives of Engineering Research Associates	R. A. Nelson	U	
	E-229	25 Apr 49	Arithmetic Modification of Operations	G. Cooper	U	
	E-230	25 Apr 49	Research Tube RT-50-1: Construction and Processing	M. Florencourt	U	
	M-840	26 Apr 49	A Preliminary Discussion of the Possibility of Using Transistors in High Speed Computers	R. L. Sisson	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Memo	26 Apr 49	Shape of Output Signals During "Read" in Tests of Charging Rates for Single Spots	R. R. Everett S. H. Dodd	U	
	E-231	28 Apr 49	Purpose and Operation of Research Tube RT-51	H. E. Rowe	U	
	Memo	30 Apr 49	Cost Incurred and Fee Claimed - for Current Period and from Inception of Contract To April 30, 1949	Sylvania Electric Products, Boston	U	
	E-232	2 May 49	Results of Tests on RT-47, RT-47-1, and RT-50, Beam Analyzer Tubes	J. H. McCusker	U	
	E-236	3 May 49	Storage Tube ST-87: Construction Processing and Initial Testing	M. Florencourt	U	
	E-237	3 May 49	Storage Tube ST-88: Construction Processing and Initial Testing	M. Florencourt	U	
	M-843	4 May 49	Glass-Sealing Procedures for Storage Tubes - Number 2	W. E. Pickett	U	
	M-844	4 May 49	Display Unit	H. Fahnestock	U	
	E-234	4 May 49	Programming Matrix Multiplication with Insufficient Electrostatic Storage	P. Rabinowitz E. Reich	U	
	Memo	5 May 49	Estimated Costs of 6345 Requisitions and Work Orders During the Month of April 1949	A. Connor	U	
	Memo	5 May 49	Temperature Measurements on Beryllium - Evaporation Cups	M. Florencourt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-238	5 May 49	Storage Tube ST-94: Construction Processing and Initial Testing	M. Florencourt	U	
	E-235	6 May 49	Description of Whirlwind I Codes	J. M. Salzer	U	
	E-233-1	9 May 49	Status of Vacuum Tube Studies	H. B. Frost	U	
	M-846	11 May 49	Constant-Frequency Restoration	J. M. Salzer	U	
	Letter	12 May 49	To H. R. Boyd, Servomechanisms Lab., re: 5211 Type Film and Processing Chemicals, w/attach: H. R. Boyd letter to Eastman Kodak dated 18 May 1949	Eastman Kodak Co. Rochester, N. Y.	U	
	E-239	12 May 49	Function of the Revised Clock Pulse Control	J. M. Salzer	U	
	Letter	13 May 49	To L. P. Crossman, Remington-Rand Inc. Conn., re: Tube Deterioration	E. S. Rich	U	
	E-240	16 May 49	Storage Tube ST-95: Construction Processing and Initial Testing	M. Florencourt	U	
	E-241	17 May 49	Notes on Resistance Measurements of Storage Rates with an Electrometer Circuit	W. J. Nolan	U	
	E-242	17 May 49	Migration and Stabilization of Charges on Storage Surfaces	H. Klemperer	U	
	E-243	18 May 49	Double Reading and Recording Using Eastman Film Units	J. A. O'Brien	U	
M-853	19 May 49	Conference at Eastman-Kodak on May 3, 1949	H. R. Boyd E. S. Rich	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-244	19 May 49	Storage Tube ST-93: Construction Processing and Initial Testing	M. Florencourt	U	
	M-852-1	20 May 49	Panel Names for Electrostatic Storage Row	S. H. Dodd	U	
	M-855	23 May 49	Summary of Flip-Flop Storage Output Test Results	G. C. Sumner	U	
	M-854	24 May 49	Operation of Power-Supply Control System	C. W. Watt	U	
	R-146	25 May 49	The Coder	H. Kenosian	U	
	E-245	27 May 49	Optimum Programming of Square Matrix Multiplication with Insufficient Electrostatic Storage	E. Reich	U	
	E-247	27 May 49	ESD Output Amplifier and Transmission Line	J. M. Hunt	U	
	Memo	31 May 49	Cost Incurred and Fee Claimed - for Current Period and from Inception of Contract to May 31, 1949	Sylvania Electric Products, Boston	U	
	M-858	1 Jun 49	Standardization of New Components for Use in Future Designs	C. W. Watt	U	
	E-246	1 Jun 49	Calculation of Correlation Functions by WWI	C. W. Adams	U	
R-166	1 Jun 49	Digital Computers as Information Processing Systems	J. W. Forrester	U		
Memo	2 Jun 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of May 1949	A. Connor	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	R-164	8 Jun 49	Video Amplifier and Cathode Follower Probe	R. L. Massard J. Ely - H. Kenosian	U	
	Memo	9 Jun 49	Report of Visit to Bell Laboratories at Murray Hill and Presentation of Storage Tube Before the ROB Panel on Electron Tubes - June 8th and 7th Respectively	H. Klemperer	U	
	E-249	10 Jun 49	Deposit of Film in the Glass Necks of Storage Tubes	W. E. Pickett	U	
	M-861	13 Jun 49	Summary of Flip-Flop Storage Test Results	G. C. Sumner	U	
	M-862	13 Jun 49	Data on Secondary Emission from Beryllium and Beryllium Oxide	H. Klemperer	U	
	M-863	16 Jun 49	"Switch Check" Automatic Testing of the Program Counter and Storage Switch	C. W. Adams	U	
	E-250	17 Jun 49	Temporary Operations for Whirlwind I	C. W. Adams	U	
	E-252	20 Jun 49	Proposed Test-Control Circuit for Whirlwind I with Test Storage	G. C. Sumner	U	
	M-864	21 Jun 49	A Pursuit Problem	P. Franklin	U	
	M-866	22 Jun 49	Summary of Register Driver Type I Test Results	G. C. Sumner	U	
	M-867	22 Jun 49	Vacuum Tube Life Test Project at Sylvania (Emporium)	H. Fahnestock	U	
	M-868	23 Jun 49	Record Drawings for ES Control and In-Out Control Panels	C. W. Watt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Memo	24 Jun 49	Target for Beam Analyzer Tube	R. Shaw	U	
	Letter	24 Jun 49	To N. Taylor, Project Whirlwind re: Crystal Drift Problem	H. Wainwright Sylvania, Boston	U	
	E-255	27 Jun 49	Basing Procedure E-150	R. E. Byram	U	
	E-256	28 Jun 49	Washing Procedures - Series W	T. R. Parkins	U	
	R-150	28 Jun 49	The Pulse Mixer	C. A. Rowland	U	
	Memo	30 Jun 49	G & A Adjustment - April 1 to June 30, 1949 (PO-DICR-12320)	Sylvania Electric Products, Boston	U	
	Letter	30 Jun 49	To Dr. A. W. Taylor, Hawkeye Works Rochester, N. Y., - Subj: Testing of Film Reader Recorder Units	H. R. Boyd	U	
	M-871	30 Jun 49	Estimate of Digital Computation Required for Fighter-Bomber Pro- bability of Survival Calculation	J. W. Forrester	U	
	Memo	1 Jul 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of July 1949	A. Connor	U	
	M-788-1	1 Jul 49	Suggestions for Mental or Manual Binary Conversion	C. W. Adams	U	
	E-257	5 Jul 49	Modification of ACO Panel	J. M. Salzer	U	
	E-258	6 Jul 49	Function of the Program Counter End Carry	C. W. Adams	U	
M-884	8 Jul 49	Checking of the Time Pulse Distributor	C. Adams-J. Salzer	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-888	9 Jul 49	Proposed Test Program for Reader-Recorders	E. S. Rich	U	
	Memo	14 Jul 49	Utilization of the Storage Tube Reliability Tester	R. L. Sisson	U	
	L-13	20 Jul 49	Cost and Personal Supplement	H. R. Boyd	U	
	M-878	21 Jul 49	Construction of WWI Repetitive Units	H. Fahnestock	U	
	M-879	21 Jul 49	Design of a New Target Assembly for the MII Computer Storage Tubes	H. Klemperer	U	
	M-880	22 Jul 49	Electrostatic Storage Tube Mount	W. J. Nolan	U	
	E-261	22 Jul 49	The History of the Theories and Development of High Vacuum Pumps and Some Methods of Measuring Very High Vacua	J. H. McCusker	U	
	M-877	25 Jul 49	Proposed Method for Automatic Test Checking of Arithmetic Control Flip-Flops	G. Cooper	U	
	E-260	25 Jul 49	Cases of Critical Timing	J. M. Salzer	U	
	E-262	25 Jul 49	Crystal	K. E. McVicar	U	
	E-263	25 Jul 49	Modification of 2:1 - 4:1 Binary Frequency Divider	H. Kenosian	U	
	E-264	25 Jul 49	The History of the Development of High-Vacuum, Hot Cathode, Electrostatic Electron Guns	J. S. Rochefort	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-266	25 Jul 49	Comments on the Testing and Dissection of ST-101-1	C. L. Coderman	U	
	R-171	25 Jul 49	The Register Panel (D-C Coupled)	C. A. Rowland	U	
	E-279	28 Jul 49	Storage-Tube Life Testing	C. L. Coderman	U	
	E-267	29 Jul 49	Time Saved by Simultaneous Operation of AE and ES	R. P. Mayer	U	
	M-883	1 Aug 49	Vacuum Tube Failures During July 1949	H. B. Frost	U	
	E-265	1 Aug 49	Control of Tube Components	R. Shaw T. F. Clough	U	
	E-268	1 Aug 49	Storage Tube ST-96: Construction, Processing and Initial Testing	M. Florencourt	U	
	E-269	1 Aug 49	Storage Tube ST-97: Construction, Processing, and Initial Testing	M. Florencourt	U	
	E-270	1 Aug 49	Storage Tube ST-98: Construction, Processing and Initial Testing	M. Florencourt	U	
	Memo	2 Aug 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of July 1949	A. O'Connor	U	
	M-886	4 Aug 49	Conference at Eastman Kodak Co. August 1, 1949	E. S. Rich	U	
	E-271	9 Aug 49	Storage Tube ST-101: Construction, Processing, and Initial Testing	M. Florencourt	U	
	E-272	9 Aug 49	Storage Tube ST-102: Construction, Processing and Initial Testing	M. Florencourt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-273	9 Aug 49	Storage Tube ST-105: Construction Processing and Initial Testing	M. Florencourt	U	
	Letter	10 Aug 49	To J. H. Halgren, RCA, New Jersey re: 6AG7 Tube Testing	E. S. Rich	U	
	E-274	10 Aug 49	Storage Tube ST-106: Construction, Processing and Initial Testing	M. Florencourt	U	
	E-275	10 Aug 49	Storage Tube ST-107: Construction, Processing and Initial Testing	M. Florencourt		
	E-276	10 Aug 49	Storage Tube ST-108: Construction, Processing and Initial Testing	M. Florencourt	U	
	E-277	11 Aug 49	Storage Tube ST-109 and ST-110: Construction, Processing and Initial Testing	M. Florencourt		
	E-278	11 Aug 49	Equipment for Special Display	E. S. Rich	U	
	Letter	17 Aug 49	To Dr. C V. L. Smith, Computer Branch Office of Naval Research, Washington, DC - re: WWI Operation	H. Fahnestock	U	
	R-151	17 Aug 49	The Gate Panel	H. Kenosian	U	
	E-280	19 Aug 49	ST-103: Construction, Processing and Initial Testing	M. Florencourt	U	
	E-281	22 Aug 49	Multivibrator Frequency Divider	R. L. Best	U	
	M-891	24 Aug 49	Low-Speed Binary Counter	R. R. Everett	U	
	E-283	26 Aug 49	ST-112: Construction, Processing and Initial Testing	M. Florencourt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	L-14	29 Aug 49	Notes for ROB Committee Meeting	J. W. Forrester	U	
	M-893	29 Aug 49	Proposal for Control of ES Power Supplies	C. W. Watt	U	
	E-282	29 Aug 49	ST-111: Construction, Processing and Initial Testing	M. Florencourt	U	
	E-285	29 Aug 49	Electron Holding Gun HG3-2 Assembly A-150	G. W. Kaplan	U	
	E-286	29 Aug 49	Investigation of the Stabilizing Curve of the Storage Tube with the High-Speed, Write-Read Unit	J. S. Rochefort N. S. Zimbel	U	
	E-284	30 Aug 49	High Velocity Electron Gun Assembly A-160	G. W. Kaplan	U	
	M-895	31 Aug 49	New Snubbers to Mount on Holding Guns	F. H. Caswell	U	
	E-287	31 Aug 49	Methods of Cutting Mica	I. Paulsen	U	
	Memo	1 Sep 49	Estimated Costs of 6345 Requisitions and Work Orders During the Month of August, 1949	B. Mitchell	U	
	E-288	2 Sep 49	Signal-Plate Driver	G. C. Hoberg	U	
	E-289	2 Sep 49	Gun Driver	G. C. Hoberg	U	
	E-290	2 Sep 49	A Built-In Monitor System for WWI Electrostatic Storage Circuits	G. C. Hoberg	U	
E-294	2 Sep 49	Read-Gate Generator and Holding Gate Generator	G. C. Hoberg	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-303	9 Sep 49	Voltage Calibrator	H. Kenosian R. Rathbone	U	
	E-292	12 Sep 49	ST-113 and ST-115: Construction Processing and Initial Testing	M. Florencourt	U	
	C-106	13 Sep 49	Code for Ship Control Problem Part I and II	D. R. Israel	U	
	E-291	14 Sep 49	Storage Registers in WWI	R. R. Everett S. H. Dodd	U	
	Paper	16 Sep 49	The Digital Computation Program at MIT (Symposium on Large-Scale Digital Calculating Machinery - Harvard University - 13-16 Sep 1949)	J. W. Forrester	U	
	M-901	22 Sep 49	Data on Electron Gun Currents in Electrostatic Storage Tubes	M. Florencourt	U	
	E-293	22 Sep 49	Standard Test Equipment: Evaluation	H. Kenosian	U	
	Letter	23 Sep 49	To Dr. A. W. Taylor, Eastman Kodak Company, Rochester, N. Y. - re: Reader-Recorder	E. S. Rich	U	
	M-900	27 Sep 49	WWI Test Plans	N. Taylor-G. Sumner	U	
	E-301	28 Sep 49	Notes on Making Tungsten Springs	I. Paulsen	U	
	Pamphlet	Oct 49	A Short Guide to Coding	Electronic Computer Division		
	Memo	3 Oct 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of September 1949	H. B. Morley	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	3 Oct 49	To Servomechanisms Laboratory - re: Termination of Contract	Sylvania Products Boston, Mass.	U	
	MCCP- 71759	5 Oct 49	Visit of Foreigner to Navy Project	J. W. Forrester	C	NN
	E-302	5 Oct 49	Storage Tube Deflection Pattern	C. W. Adams	U	
	Rev. L-7	6 Oct 49	Revision of Memorandum L-7, Visitors to Project Whirlwind	R. A. Nelson	U	
	Memo	7 Oct 49	Final Payment of the Sylvania Contract	H. R. Boyd	U	
	Letter	7 Oct 49	To Dr. F. L. Foster, Ass't Director D.I.C. - MIT - Subj: Final Payment of the Sylvania Contract	H. Fahnestock	U	
	Letter	7 Oct 49	T. E. E. Ross, Contractor, Admin - istrator, Office of Naval Research MIT - Subj: Final Payment of the Sylvania Contract	H. Fahnestock	U	
	E-295	7 Oct 49	Test Program Number I, Computer Complementing	C. W. Adams	U	
	E-296	13 Oct 49	Test Program Number II, Operation Matrix Check	C. W. Adams	U	
	E-297	13 Oct 49	Test Program Number III, Counting in AC	C. W. Adams	U	
	E-298	13 Oct 49	Test Program Number IV, Shifting in AC	C. W. Adams	U	
	E-256-1	17 Oct 49	Washing Procedures - Series W	T. Parkins A. F. Greenlaw	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-300	17 Oct 49	Display Program Number I, Family of Parabolas and Powers of X	G. Cooper	U	
	E-305	19 Oct 49	Results of Tests on RT-59	H. E. Rowe	U	
	M-909	20 Oct 49	Operation of Electrostatic Storage During Test Storage Orders	R. P. Mayer	U	
	M-913	20 Oct 49	Conference on Vacuum-Tube Problems at Sylvania-Emporium	E. S. Rich	U	
	M-910	21 Oct 49	Reading Test Storage to Bus Via Program Register	R. P. Mayer	U	
	M-911	21 Oct 49	Temporary Use of A-Register in Place of Program Register	R. P. Mayer	U	
	E-306	21 Oct 49	Basing Procedures (Storage Tubes)	R. B. Angus	U	
	Letter	25 Oct 49	To N. Mcl. Sage, MIT - re: Budget for Starting Research on Digital Computing Machine Application to Industrial Problems	J. W. Forrester	U	
	Letter	25 Oct 49	To N. Mcl. Sage, MIT - re: Initiation of a Research Program to Study the Application of Digital Computation to Industrial Problems	J. W. Forrester	U	
	M-914	25 Oct 49	Shatter-proofing Storage Tubes	R. Shaw	U	
	E-304	25 Oct 49	Display Program Number II: Second Order Differential Equation	G. Cooper	U	
	M-915	26 Oct 49	Cycling of Power in Turning on Storage Tubes	S. H. Dodd	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-309	26 Oct 49	Initial Testing and Reconstruction of ST-114 and ST-114-R1	M. Florencourt	U	
	E-307	27 Oct 49	Development of Storage-Tube Circuits	S. H. Dodd	U	
	E-299	28 Oct 49	Test Program Number V, Binary to Decimal Conversion and Reconversion	C. W. Adams	U	
	M-918	31 Oct 49	Conference at Eastman-Kodak Co. on October 26, 1949	H. R. Boyd	U	
	E-308	31 Oct 49	Temporary Deactivation of Storage Tube Cathodes Under Stand-by Conditions	H. Klemperer	U	
	E-310	31 Oct 49	Automatic Control Box for TV Demonstrator	A. H. Ballard	U	
	Memo	1 Nov 49	Estimated Costs of 6345 Requisitions and Work Orders Raced During the Month of October 1949	H. B. Morley	U	
	M-922	1 Nov 49	Vacuum Tube Failures During August 1949	H. B. Frost	U	
	M-923	2 Nov 49	Vacuum Tube Failures During September 1949	H. B. Frost	U	
	M-924	4 Nov 49	Video Cabling Records	R. Fairbrother	U	
	M-925	4 Nov 49	Vacuum Tube Failures During October 1949	H. B. Frost	U	
	M-665	8 Nov 49	Standard Switch Settings for WWI	C. W. Adams-R. Mayer	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-926	8 Nov 49	Notes on "High Precision Measurements with Simple Optical Equipment"	R. Shaw	U	
	M-927	9 Nov 49	Grid-Cathode Shorts in Storage Tubes	J. O. Ely	U	
	Letter	14 Nov 49	To S. Cass, Commercial Controls Corp., Rochester, N. Y. - Subj: Flexo-writer Equipment for Computer Use at MIT	H. R. Boyd	U	
	Memo	16 Nov 49	Budget Summary	H. R. Boyd	U	
	Memo	18 Nov 49	Visit to Bureau of Standards, November 1949	J. W. Forrester	U	
	Memo	18 Nov 49	Possible Transfer of Air Traffic Contract to ANDB	J. W. Forrester	U	
	M-929	18 Nov 49	Conference at Commercial Controls Corporation on October 26, 1949	H. R. Boyd	U	
	Memo	23 Nov 49	Programming Nomenclature	C. W. Adams	U	
	Letter	23 Nov 49	To H. R. Boyd, Servomechanisms Laboratory - re: Flexowriter Equipment	S. Case - Commercial Controls Corp.	U	
	M-930	23 Nov 49	Proposed "Inactivity Alarm" Circuit	C. W. Adams	U	
	Memo	2 Dec 49	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of November 1949	H. B. Morley	U	
	M-948	2 Dec 49	Vacuum Tube Failures During November 1949	H. B. Frost	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-312	2 Dec 49	Calibration of Vacuum Measurements	H. E. Rowe	U	
	E-313	2 Dec 49	Temporary Operation as - Switch Check and Test Program Numver VI - Switch Check	C. W. Adams	U	
	Memo	5 Dec 49	Dr. Goldstein's (ANDB) Scheduled Visit on 16 December 1949	J. W. Forrester	U	
	Letter	6 Dec 49	To H. R. Boyd, Servomechanisms Laboratory, re: Time vs. Temp- erature Information	A. W. Tyler Eastman Kodak Co.	U	
	E-314	8 Dec 49	Display Program Number III Target- Seeking Simulation	C. W. Adams	U	
	Memo	9 Dec 49	Storage Tube Mount Testing and Adjustment	S. H. Dodd	U	
	M-950	9 Dec 49	WWI Partial Bill of Materials	H. F. Mercer	U	
	E-312-1	9 Dec 49	Calibration of Vacuum Measurements in Storage Tubes	H. E. Rowe	U	
	E-315	12 Dec 49	Test Results on RT-66 and RT-91	H. E. Rowe	U	
	M-952	14 Dec 49	Preliminary Communication on Test Results with RT-68	H. E. Rowe	U	
	M-953	14 Dec 49	Preliminary Communication on Mosaic Size	C. L. Coderman	U	
	M-954	15 Dec 49	Transfer of Storage Tubes from ST Group to WWI	S. H. Dodd	U	
E-316	21 Dec 49	The Significance of a Shorter Beam Length for the Whirlwind Storage Tube I: Experimental Results with RT-67	H. Klemperer H. Rowe	U		

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Notes	27 Dec 49	Parsons Project	J. W. Forrester	U	
	Memo	29 Dec 49	Dimensions of 7GP4 Electron Gun	R. Shaw	U	
	E-318	30 Dec 49	Tests on a 3JPL Cathode Ray Tube	H. Rowe	U	
	E-318-1	30 Dec 49	Tests on a 3JPL Cathode Ray Tube	H. Rowe	U	
	Memo	3 Jan 50	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of December 1949	H. B. Morley	U	
	M-963	3 Jan 50	Vacuum Tube Failures During December 1949	H. B. Frost	U	
	E-319	3 Jan 50	The Significance of a Shorter Beam Length for the Whirlwind Storage Tube - Part II: Fundamental Limitations on Spot Size and Current Density	H. Klemperer	U	
	L-15	6 Jan 50	Visits to: Engineering Research Associates, St. Paul, Minn., Aircraft Radiation Lab., Wright Field General Precision Laboratories, Pleasantville, N. Y. and Federal Telecommunication Lab., Nutley N.J.	E. S. Rich J. A. O'Brien N. H. Taylor	U	
	M-972	6 Jan 50	Graphs of Storage Tube Electron Gun Currents	J. O. Ely	U	
	Memo	9 Jan 50	Present Cost of Standard Storage Tubes	R. R. Everett	U	
M-965	9 Jan 50	Preliminary Notes on RT-93 Test Results	M. Florencourt H. Klemperer	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	L-16	13 Jan 50	Discussion of the Comments on Project Whirlwind Made by the AD HOC Panel on Electronic Digital Computers of the Basic Physical Science Committee of the Research and Development Board	J. W. Forrester	U	
	L-17	13 Jan 50	Comments on the Report of the AD HOC Panel on Electronic Digital Computers of the RDB Committee on Basic Physical Sciences	J. W. Forrester	U	
	M-967	13 Jan 50	Electrostatic Storage Tube to Program Register Transfer Check	R. P. Mayer	U	
	E-322	18 Jan 50	Tests on ST-110	R. L. Sisson		
	M-969	19 Jan 50	Accelerated Life Test for Cathode	E. S. Rich	U	
	E-323	19 Jan 50	Standard Operating Conditions for 100 - Series Whirlwind Electrostatic Tubes	R. R. Everett S. H. Dodd	U	
	Memo	20 Jan 50	To N. Mcl. Sage - re: Possibility of Applying Digital Computer Techniques to Magazine Subscriptions	J. W. Forrester	U	
	Letter	20 Jan 49	To C. S. Mason, New England Telephone and Telegraph Co., Boston - re: Assistance in developing a procedure for Maintenance of Power Distribution and Control Relays	C. W. Watt	U	
	M-976	24 Jan 50	Collector Interception of Electron Beam as a Function of Angle of Incidence	M. Florencourt	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-324	24 Jan 50	Characteristics of 5UP and 7GP Electron Guns	H. E. Rowe	U	
	E-326	25 Jan 50	Power Distribution, Variable Voltage Circuits, WWI	H. S. Lee	U	
	E-327	25 Jan 50	Standard Tests for Storage Tubes (second revision)	M. Florencourt	U	
	E-320	30 Jan 50	Display Program Number VI: Non- Homogenous Second Order Differential Equation	C. W. Adams	U	
	E-328	31 Jan 50	Pulse Transformers and Inter-stage Coupling in Whirlwind I	C. A. Rowland	U	
	Memo	2 Feb 50	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of January 1950	H. B. Morley	U	
	M-977	3 Feb 50	Vacuum Tube Failures During January 1950	H. B. Frost	U	
	M-979	3 Feb 50	Preparation of WWI Instruction and Maintenance Manuals	R. R. Rathbone	U	
	M-981	8 Feb 50	Progress from Storing 16 x 16 to 32 x 32 Arrays	H. Klemperer	U	
	E-329	10 Feb 50	Techniques for Using Standard Automatic Subroutines	C. W. Adams	U	
	Memo	13 Feb 50	R. F. Pulser Program	S. H. Dodd	U	
	M-982	14 Feb 50	Aging of Beryllium Mosaic as Observed on ST-112 Life Test	H. Klemperer	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	L-18	15 Feb 50	Estimated Cost of Standard Storage Tubes (January 1950)	H. R. Boyd	U	
	M-986	21 Feb 50	In-Out Committee Report	R. Everett-N. Taylor E. Rich-J. O'Brien	U	
	M-987	21 Feb 50	Storage Tube Drawings	R. Shaw	U	
	E-317	23 Feb 50	Flip-Flop Balance Checking in WWI	G. C. Sumner	U	
	M-989	24 Feb 50	SR-1407 Development: Tests on Lots C9186 and C9188	E. S. Rich	U	
	M-991	27 Feb 50	Schedule of Remaining Installation Work	C. W. Watt	U	
	M-992	28 Feb 50	Storage and Research Tube Summary (June 15, 1949 - February 15, 1950)	M. Florencourt	U	
	Memo	1 Mar 50	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of February 1950	H. B. Morley	U	
	L-19	1 Mar 50	Possible 1950-51 Budgets - Electronic Computer Division	H. R. Boyd	U	
	M-996	1 Mar 50	February 1950 Research and Storage Tube Summary	M. Florencourt	U	
	Letter	3 Mar 50	To Dr. J. A. Stratton, MIT - re: Whirlwind Computer	J. W. Forrester	U	
	M-1000	6 Mar 50	A Proposed Binary to Analog Converter	K. E. McVicar	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1001	7 Mar 50	SR-1407 Development: Tests on Lot C-9402	E. S. Rich	U	
	News Release	8 Mar 50	Development of the 400 Digit Electrostatic Storage Tube	MIT News Service	U	
	L-21	13 Mar 50	Analysis of Digital Computer Laboratory Proposed 1950-51 Budget	J. W. Forrester R. Everett-H. Boyd H. Fahnestock	U	
	M-999	13 Mar 50	Vacuum Tube Failures During February 1950	H. B. Frost	U	
	M-1002	13 Mar 50	Preliminary Considerations for Adaptation of Raytheon Magnetic Tape Units to the WWI System	E. S. Rich J. A. O'Brien	U	
	Notes	15 Mar 50	Visit of Representative of David Taylor Model Basin	R. A. Nelson	U	
	Letter	17 Mar 50	To L. S. Smithers, Fairchild Camera and Instrument Corp., N.Y. re: MIT Storage Tube	H. Klemperer	U	
	Memo	20 Mar 50	Electronic Deflection Generator ST Development Group	R. R. Everett	U	
	E-332	21 Mar 50	Forming End-of-Block Spaces on Film in Normal Operation	R. P. Mayer C. W. Adams	U	
	E-335	22 Mar 50	Operation of the WWI Storage Tube Power Supply Control System	C. W. Watt	U	
	M-1010	24 Mar 50	Scheduling of Computer Time	H. Fahnestock	U	
	E-333	24 Mar 50	Whirlwind I Order Code as of March 1950	C. W. Adams	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	R-178	28 Mar 50	Marginal Checking as an Aid to Computer Reliability	N. H. Taylor	U	
	Letter	30 Mar 50	To R. R. Everett, M. I. T. - re FM Servomechanisms	Research Corp. New York	U	
	M-1012	30 Mar 50	Nomogram for Calculating Area Ratio of Square Mosaic Patterns	R. Shaw	U	
	Memo	3 Apr 50	Estimated Costs of 6345 Requisitions and Work Orders During the Month of March 1950	H. B. Morley	U	
	M-1016	3 Apr 50	Vacuum Tube Failures During March 1950	H. B. Frost	U	
	E-337	3 Apr 50	Accelerated Life Test for Cathode Interface in Receiving Type Tubes (as Paper Presented at the MIT Conference on Physical Electronics March 30, 1950)	E. S. Rich	U	
	L-22	4 Apr 50	Academic Program in the Field of Automatic Computation and Numerical Analysis	J. W. Forrester	U	
	Letter	5 Apr 50	To Professor H. L. Hazen, M. I. T. re: Possible Application of WWI to Navy Fire Control Problem	J. W. Forrester	U	
	Letter	5 Apr 50	To A. W. Reeder, Lane Bryant Indianapolis, Indiana - re: Application of High Speed Computers to Business Records	S. H. Dodd	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1019	5 Apr 50	March 1950 Storage and Research Tube Summary	M. Florencourt	U	
	Letter	6 Apr 50	To Capt. R. E. Campbell, Signal Corps Liaison Officer, MIT, - re: Decision Not to Submit Proposal for the Fire Control Study	J. W. Forrester	U	
	Letter	6 Apr 50	To Professor H. L. Hazen, MIT - re: Use of Whirlwind Computer	J. W. Forrester	U	
	Letter	6 Apr 50	To Dr. C. L. Smith, Office of Naval Research, Washington D. C. - Subj: Progress Report on Photographic Digital Reader-Recorders	A. W. Taylor Eastman-Kodak Co.	U	
	M-1020	6 Apr 50	Conference on Automatic Computing Machinery, Rutgers University, March 28-29, 1950	C. W. Adams D. R. Israel	U	
	M-1022	11 Apr 50	Systems Planning	N. H. Taylor	U	
	E-338	11 Apr 50	Test Results of L9B and F8B Productions of 7AD7 Tubes	H. B. Frost	U	
	M-1024	13 Apr 50	ES Systems Planning	R. W. Read	U	
	E-340	17 Apr 50	Current Density Distribution and Spot Diameter in Cathode Ray Beam	H. E. Rowe A. R. Tanguay	U	
	R-182	27 Apr 50	New Developments in Pulsed Circuit Test Equipment (talk delivered by R. R. Rathbone at AIEE District Meeting, April 27, 1950)	R. R. Rathbone	U	
	R-183	27 Apr 50	M.I.T. Electrostatic Storage Tube	S. Dodd-P. Youtz H. Klemperer	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	R-184	27 Apr 50	Computer Experience in Extending Tube Life (talk delivered by E. S. Rich at AIEE District Meeting, April 27, 1950)	E. S. Rich	U	
	R-185	27 Apr 50	Marginal Checking: Preventive Maintenance for Electronic Equipment (talk delivered at AIEE District Meeting, April 27, 1950)	G. C. Sumner	U	
	Reprint	Apr 50	Electrostatic Storage Tube	S. Dodd-P. Youtz H. Klemperer	U	
	M-1035	1 May 50	April 1950 Research and Storage Tube Summary	M. Florencourt	U	
	M-1034	2 May 50	Vacuum Tube Failures During the Month of April, 1950	H. B. Frost	U	
	L-23	3 May 50	Request for Funds for Contract N5ori-60 for the Period, July 1, 1950 through June 30, 1951	J. W. Forrester	U	
	M-1036	3 May 50	The Differential Analyzer Approach in Digital Computers	C. W. Adams	U	
	E-362	3 May 50	Storage Devices in Computing Systems Text of an MIT E. E. Department, Colloquium Talk	R. R. Everett	U	
	M-1038	9 May 50	Checking the Holding Ability of Flip-Flops	J. M. Salzer	U	
L-24	10 May 50	Statement of Status of Project Whirlwind Prepared for the Research and Development Board	J. W. Forrester	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1059	11 May 50	Detailed Coding of the Initial Program	C. W. Adams	U	
	M-1041	16 May 50	Power Supply Changes	J. J. Gano	U	
	R-187	16 May 50	Digital Information Storage in Three Dimensions Using Magnetic Cores	J. W. Forrester	U	
	M-1045	18 May 50	Data on Electron Gun Circuits in MIT Storage Tubes	M. Florencourt	U	
	M-1044	19 May 50	History of Development of Storage Assembly for 6" Storage Tube	R. Shaw	U	
	Memo	24 May 50	Report of Visit to Physics Laboratory at Sylvania Electric Co., Bayside, Long Island on May 16, 1950	H. Klemperer	U	
	Letter	25 May 50	To Dr. J. A. Stratton, M.I.T. - re: Whirlwind Computer	J. W. Forrester	U	
	M-1046	26 May 50	Trouble Location Procedures to be Followed in the Event of a Major Power Failure	R. E. Hunt	U	
	E-351	Jun 50	Winding Tungsten Heaters - SB-40170	I. Paulsen	U	
	Memo	1 Jun 50	Estimated Costs of 6345 Requisitions and Work Orders Placed During the Month of May 1950	H. B. Morley	U	
	M-1050	1 Jun 50	Temporary Marginal Checking Reader-Recorder	C. W. Watt	U	
	M-1052	1 Jun 50	May 1950 Research and Storage Tube Summary	M. Florencourt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-350	6 Jun 50	Construction of a Silver Evaporation Target Assembly	J. S. Palermo	U	
	Letter	9 Jun 50	To H. R. Boyd, M.I.T. re: Reader and Punch	Commercial Controls Corp., Rochester N.Y.	U	
	E-348	9 Jun 50	Winding Tungsten Springs - SA-33325	I. Paulsen	U	
	E-349	9 Jun 50	Operation and Maintenance of Polariscope	R. Shaw	U	
	M-1052-1	12 Jun 50	May 1950 Research and Storage Tube Summary	M. Florencourt	U	
	M-1055	15 Jun 50	Meeting of the Mathematical Computing Advisory Panel, June 8, 1950	C. W. Adams	U	
	E-345	15 Jun 50	The Transition Region Between Negative and Positive Regions on Storage Tube Surfaces	H. E. Rowe	U	
	E-352	15 Jun 50	Compensation of Deflection De-Focusing in Storage Tubes	H. Klemperer	U	
	M-1056	20 Jun 50	Development of Type SR-1407 Vacuum Tubes: Tests on Lots D-2 and C-9674	E. S. Rich	U	
	Letter	23 Jun 50	To H. R. Boyd, Servomechanisms Lab., re: Reader-Recorder Contract, w/attach H.R. Boyd letter to A. Tyler dated 30 June 1950; A. W. Tyler letter to C. L. Smith, ONR, Washington, dated 7 July 50 Subj: Progress Report on Photographic Digital Reader-Recorders; and H. Fahnestock letter to C.V.L. Smith dated 20 July 50	A. W. Tyler Eastman-Kodak Co., Rochester, N. Y.	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	MCCP-21837	29 Jun 50	Letter to M.I.T. - re: Contract N5ori-60, Task Order I, Amendment 11	ONR, Washington D.C.	S	A001
	R-179	29 Jun 50	Vacuum Tube Life Experience	H. B. Frost	U	
	M-1060	30 Jun 50	Whirlwind I Marginal Checking Summary and Recommendations	R. A. Nelson	U	
	M-1058	5 Jul 50	Staff Indoctrination Program	J. C. Proctor	U	
	M-1066	12 Jul 50	June 1950 Research and Storage Tube Summary	M. Florencourt	U	
	E-356	12 Jul 50	Equipment and Techniques for Inserting Information into WWI	C. W. Adams		
	M-1067	17 Jul 50	Temporary Operation gr: Read/Shift Right	C. W. Adams	U	
	Memo	21 Jul 50	Proposed System for Manual Control of the Computer by the Programmer	C. W. Adams	U	
	M-1070	24 Jul 50	Correlation Between Signal Plate to Collector Capacitance and Mica Thickness and Collector-to-Mica Spacing	M. Florencourt H. J. Platt	U	
	M-1072	26 Jul 50	Measurements of Deflection Plate Spacing and Deflection Factors of 5U Guns	R. Shaw H. J. Platt	U	
	M-1073	26 Jul 50	Terminal Equipment and Manual Control Devices Using Flip-Flop Storage - Present Status and Future Plans	C. W. Adams	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-357	28 Jul 50	Test Program Number VII: Alarm Circuits Check	J. M. Salzer	U	
	E-358	2 Aug 50	The Technique for Evaporation of a Beryllium Mosaic	T. F. Clough	U	
	M-1075	4 Aug 50	July 1950 Storage and Research Tube Summary	M. Florencourt	U	
	M-1079	7 Aug 50	Vacuum Tube Failures During the Month of May, 1950	H. B. Frost	U	
	M-1080	7 Aug 50	Vacuum Tube Failures During the Month of June, 1950	H. B. Frost	U	
	M-1083	7 Aug 50	Interim Display Equipment and Temporary Operation of: F-Scope Display	C. W. Adams	U	
	M-1081	8 Aug 50	Vacuum Tube Failures During the Month of July, 1950	H. B. Frost	U	
	M-1084	10 Aug 50	Temporary Operation of: Punch/Shift Right	C. W. Adams	U	
	E-361	10 Aug 50	Additions to the Whirlwind I Order Code (October 1949 to August 1950)	C. W. Adams	U	
	Letter	14 Aug 50	To J. W. Forrester, Servomechanisms Laboratory - re: Eastman Kodak Contract	Office of Naval Research, Wash.	U	
	E-363	15 Aug 50	Washing Procedures - Series W	T. Parkins-J. Palermo	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-367	17 Aug 50	Construction of a Beryllium - Evaporation Target Assembly	J. S. Palermo	U	
	RI80-VI (Draft)	18 Aug 50	Functional Description of the Whirlwind I Computer - Volume I -Text	J. M. Salzer	U	
	RI80-VII (Draft)		Functional Description of the Whirlwind I Computer - Volume II - Figures	J. M. Salzer	U	
	M-1087	18 Aug 50	First Meeting of the Planning Committee for the IRE-AIEE Conference on Electron Tubes for Computers	P. Youtz	U	
	Letter	21 Aug 50	To R. A. Plachta, Admins. Assistant, M.I.T., re: List of Technical Papers and Publications Presented During the Past Year	J. W. Forrester	U	
	E-368	22 Aug 50	The Distribution of Capacitances on the Beryllium Mosaic Surface	A. R. Tanguay	U	
	E-369	24 Aug 50	Construction Technique of Electron Guns for the WWI Storage Tube	G. W. Kaplan	U	
	M-1077-3	28 Aug 50	Preliminary Draft of Test and Line- up Procedure for Storage Tubes	J. W. Forrester R. R. Everett	U	
	D-370	28 Aug 50	Principle of Operation of Polariscope	R. Shaw	U	
	Memo	5 Sep 50	Coding Symbols and Conventions	J. W. Forrester	U	
M-1094	5 Sep 50	Vacuum Tube Failures During the Month of August, 1950	H. B. Frost	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-371	7 Sep 50	Splicing Money to Pyrex Glass to Form a Graded Seal	W. E. Pickett	U	
	E-372	7 Sep 50	Glass Construction of Two-Arm Envelope	W. E. Pickett	U	
	E-373	7 Sep 50	18-Pin Stem Construction	W. E. Pickett	U	
	E-374	7 Sep 50	Beading of Tungsten Wire	W. E. Pickett	U	
	E-375	7 Sep 50	10-Pin Stem Construction	W. E. Pickett	U	
	E-376	7 Sep 50	Preparation of Arms for the Storage Tube Envelope	W. E. Pickett	U	
	E-377	7 Sep 50	Glass Construction of Single Arm Envelope	W. E. Pickett	U	
	E-378	7 Sep 50	Forming Right Angle and U-Bands	W. E. Pickett	U	
	E-380	12 Sep 50	Operation of Interim Tape Reader Equipment	C. W. Watt	U	
	M-1097	19 Sep 50	Modification of Storage Tube Mounts	W. J. Nolan	U	
	M-1099	19 Sep 50	August 1950 Storage and Research Summary	M. F. Mann	U	
	E-359	25 Sep 50	ES Test Programs	G. Cooper	U	
	E-382	25 Sep 50	Glass Construction of Evaporation Tube Envelope	W. E. Pickett	U	
	Letter	28 Sep 50	To Professor J. A. Stratton, MIT re: Brief Status Report on the Digital Computer Work	J. W. Forrester	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-383	29 Sep 50	Use of Wet Slicing Machine	W. E. Pickett	U	
	M-1101	28 Sep 50	Storage Tube Drawing List	R. Shaw	U	
	M-1107	1 Oct 50	Vacuum Tube Failures During the Month of September, 1950	H. B. Frost	U	
	M-1104	2 Oct 50	IRE Third List of Definitions	C. W. Adams	U	
	M-1108	4 Oct 50	Special Display	D. A. Buck	U	
	E-381	6 Oct 50	Dissection, Cleaning and Reassembling of a Glass Vacuum System	W. E. Pickett R. Shaw-T. Parkins	U	
	M-1110	11 Oct 50	Reliability Tester Modifications for M-1077-3	C. L. Coderman	U	
	M-1113	16 Oct 50	September 1950 Storage and Research Tube Summary	M. F. Mann	U	
	M-1116	18 Oct 50	Code System for Dielectric Surfaces	J. S. Palermo	U	
	E-358-1	19 Oct 50	The Technique for Evaporation of a Beryllium Mosaic	T. F. Clough	U	
	M-1117	23 Oct 50	Perliminary Outline and Reference Material for Computer Demonstration, October 25, 1950	C. W. Adams	U	
	E-387	24 Oct 50	Interim Equipment and Techniques for Input, Output and Control for WWI	C. W. Adams	U	
	E-391	26 Oct 50	Operation Matrix: Change Procedure	R. P. Mayer	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-365	31 Oct 50	Part I: Construction of a Collector Screen for the WWI Storage Tube, Part II: Construction of a Mesh Mask for the Beryllium Evaporation Tube	T. R. Parkins R. Shaw	U	
	E-389	31 Oct 50	Construction of a WWI Storage Assembly	J. S. Palermo	U	
	M-1123	1 Nov 50	October 1950 Storage and Research Tube Summary	M. F. Mann	U	
	E-392	2 Nov 50	Crystal Diode Investigation-Initial Result	F. E. Irish	U	
	R-193 U.I	10 Nov 50	Selected Descriptive Material Whirlwind I Computer: General	C. W. Adams	U	
	Letter MCCP-20500	14 Nov 50	To MIT - re: Contract N5ori-60 Task Order I - Amendment 12	ONR, Washington D.C.	S	NN
	M-1085	14 Nov 50	Orders <u>sl</u> and <u>sr</u> ; Provisions for Selective RoundOff	R. P. Mayer	U	
	M-1128	15 Nov 50	A Proposal for Power and Video Cabling in the New Control Room	C. W. Watt	U	
	M-1130	20 Nov 50	Preparation and Filing of Punched Paper Tapes for WWI	C. W. Adams	U	
	E-364	29 Nov 50	Construction of a Beryllium Evaporation Boiler	T. R. Parkins R. Shaw	U	
	M-1134	4 Dec 50	November 1950 Storage and Research Tube Summary	M. F. Mann	U	
	E-393	6 Dec 50	Marginal Checking System, WWI	R. E. Hunt	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	I.R.E. Reprint	12 Dec 50	Marginal Checking as an Aid to Computer Reliability	N. H. Taylor	U	
	R-194	12 Dec 50	Experience with Receiving Type Vacuum Tubes on the Whirlwind Computer Pro- ject (delivered at the IRE-AIEE-RDB Conference, December 11-12, 1950)	E. S. Rich	U	
	E-394	22 Dec 50	Built-In Checking of Control Switch and Operation Matrix	H. L. Ziegler	U	
	Memo	26 Dec 50	Voltage Inside of Tube (Experiment Performed 7 December 1950)	J. O. Ely	U	
	M-1141	29 Dec 50	Inspection of Electron Guns	R. Shaw	U	
	Reprint (Journal of Applied Phy- sics)	Jan 51	Digital Information Storage in Three Dimensions Using Magnetic Cores	J. W. Forrester	U	
	M-1145	1 Jan 51	Vacuum Tube Failures During the Month of December, 1950	H. B. Frost	U	
	E-395	2 Jan 51	Cathode Interface Impedance and its Effects in Aged Vacuum Tubes (Paper delivered at Conference on Electron Tubes for Computers at Atlantic City, December 11-12, 1950)	H. B. Frost	U	
	E-396	2 Jan 51	Crystal Diode Life Experience in WWI Computer Circuits (Paper Delivered at Conference on Electron Tubes for Computers at Atlantic City, December 11-12, 1950)	H. B. Frost	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1144	4 Jan 51	December 1950 Storage and Research Tube Summary	M. F. Mann	U	
	M-1146	5 Jan 51	Inspection of Glass Envelopes	R. Shaw	U	
	M-1149	9 Jan 51	Materials for Electron Gun Construction	R. Shaw	U	
	E-397	18 Jan 51	Some Basic Relay Pulse Circuits of General Interest	C. W. Watt	U	
	M-1152	22 Jan 51	Visit to University of Illinois and Engineering Research Associates	J. W. Forrester N. Taylor-E. S. Rich	U	
	Letter	24 Jan 51	To Minnesota Mining and Manufacturing Co., Sound Tape Division - Re: Magnetic Tapes	E. S. Rich	U	
	Memo	25 Jan 51	Use of Magnetic Drums	E. S. Rich	U	
	M-1156	25 Jan 51	Special Add Memory Clearing on Certain Orders	R. P. Mayer	U	
	M-1158	1 Feb 51	Vacuum Tube Failures During the Month of January, 1951	H. B. Frost	U	
	M-1160	6 Feb 51	January 1951 Storage and Research Tube Summary	M. F. Mann H. E. Cooke	U	
	M-1171	6 Feb 51	Marginal Checking Controlled by Program, Preliminary Proposal	R. P. Mayer	U	
	Memo	12 Feb 51	Storage Tube Space	R. R. Everett	U	
	M-1165	12 Feb 51	Guide to Preparation of Punched Paper Tapes	D. E. Lenihan	U	

ARCHIVES INVENTORY

SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1166	13 Feb 51	Proposed Adaptation of Fairchild Recording Camera to WWI Oscilloscope Display System	E. S. Rich	U	
	M-1167	16 Feb 51	New Plan for In-Out Orders and In-out Subroutines	E. S. Rich-J. Salzer B. E. Morriss	U	
	Letter	20 Feb 51	To Minnesota Mining and Manufacturing Co., Sound Recording Tape Division - Re: Magnetic Tapes	E. S. Rich	U	
	L-25	20 Feb 51	Proposal for Research and Training Project in Applied Mathematics, Using Large-Scale Computing Equipment, Particularly Whirlwind	Prof. P. M. Morse, MIT, Dept. of Physics	U	
	E-399	21 Feb 51	Comparison Between IN56A and D359 Crystals	E. S. Rich	U	
	M-1173	1 Mar 51	Vacuum Tube Failures During the Month of February, 1951	H. B. Frost	U	
	E-366	2 Mar 51	The Project Whirlwind High Vacuum Systems	T. F. Clough	U	
	M-1175	6 Mar 51	February 1951 Storage and Research Tube Summary	M. F. Mann	U	
	Memo	7 Mar 51	Visit of D. Lippitt and R. Thorarensen of the G.E. Electric Electronics Laboratory at Syracuse, N. Y.	P. Youtz	U	
	M-1177	9 Mar 51	Interim Paper Tape Conversion and Input Programs	J. T. Gilmore, Jr.	U	
M-1180	13 Mar 51	Data on Electron-Gun Currents in MIT Storage Tubes	M. F. Mann	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-381-1	14 Mar 51	Dissection, Cleaning and Reassembling of a Glass Vacuum System	T. R. Parkins L. W. Nelson	U	
	E-400	15 Mar 51	The Vacuum Tube Pulse Current Tester	H. B. Frost	U	
	E-401	19 Mar 51	Arc Suppression for Small Electrical Contacts	R. E. Hunt	U	
	M-1185	22 Mar 51	Procedures for Initial (Static) Testing of a Storage Tube	M. F. Mann	U	
	M-1186	26 Mar 51	Marginal Checking of In-Out Switch and D. C. In-Out Register	C. W. Watt	U	
	M-1191	1 Apr 51	Vacuum Tube Failures During the Month of March 1951	H. B. Frost	U	
	M-1190	2 Apr 51	March 1951 Storage and Research Tube Summary	M. F. Mann H. E. Cooke	U	
	M-1194	4 Apr 51	Equipment Proposal for Programmed Marginal Checking (PMC)	C. W. Watt	U	
	E-404	4 Apr 51	Plan for the Second Bank of Storage	R. W. Read	U	
	Letter	6 Apr 51	To Burroughs Adding Machine Co., Philadelphia, Pa., re: Burroughs Testing Equipment	N. H. Taylor	U	
	M-1195	6 Apr 51	Terminal Equipment Priorities	R. R. Everett	U	
	M-1196	10 Apr 51	Use of the Dumont-hand Scope Camera	J. A. O'Brien	U	
	E-402	10 Apr 51	Circuitry, Relay Timing and Operation of WWI Tape Out-Put Equipment	J. S. Hanson	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1199	11 Apr 51	Additional Storage Registers	G. Cooper	U	
	M-1198	17 Apr 51	Preparation of Punched Tape for Conversion	P. Fox	U	
	M-1203	27 Apr 51	Proposed Variations in In-Out Element and In-Out Subroutines	B. E. Morriss	U	
	M-1208	1 May 51	Vacuum Tube Failures During the Month of April, 1951	H. B. Frost	U	
	Letter	2 May 51	To Burroughs Adding Machine Co., Philadelphia, Pa., Re: Vacuum Tube Tests	H. B. Frost	U	
	M-1210	2 May 51	April 1951 Storage and Research Tube Summary	M. F. Mann H. E. Cooke	U	
	A-117	7 May 51	New Funds Under Contract AF19(122)-458 DIC 6889	H. Fahnestock	U	
	M-1211	8 May 51	(Proposal) Procedure in Case of Failure of Commercial Power Service	J. J. Gano	U	
	Letter	9 May 51	To Sylvania Electric Products Inc., Emporium, Pa., - Re: Samples of SR-1407 Tubes	E. S. Rich	U	
	M-1216	17 May 51	Procedures for Processing and Recording Punched Tape Computer Programs	D. Lenihan P. Fox	U	
	Letter	24 May 51	To Radio-Electronic Engineering, N.Y., N. Y. - Re: Articles on the Whirlwind Test Equipment	R. Rathbone	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Letter	29 May 51	To Burroughs Research Laboratories, Philadelphia, Pa., - Re: Procurement of Test Equipment Panels	N. H. Taylor	U	
	M-1222	1 Jun 51	Vacuum Tube Failures During the Month of May 1951	H. B. Frost	U	
	M-1221	4 Jun 51	May 1951 Storage and Research Tube Summary	M. F. Mann H. E. Cooke	U	
	M-1224	6 Jun 51	A Proposed Marginal Checking System	R. E. Hunt	U	
	M-1225	6 Jun 51	Display Scope System	C. W. Watt	U	
	L-27	7 Jun 51	Proposal for Expenditure of \$50,000 on Contract N5ori-60, Task Order 1, Transferred to the Office of Naval Research by the Air Force	J. W. Forrester H. Fahnestock	U	
	Letter	8 Jun 51	To Trans-Sonics, Bedford, Mass. Re: MIT Order No. DIC-R152204 Assembling Panels	C. W. Watt	U	
	M-1217	11 Jun 51	Conversion Tables	J. M. Frankovich F. C. Helwig	U	
	R-196	11 Jun 51	Programming for Whirlwind I	H. Saxenian	U	
	E-406	18 Jun 51	Preliminary Tests on the Four-Core Magnetic-Memory Array	W. N. Papian	U	
	M-1230	19 Jun 51	New Instructions for Using Tape Preparation Facilities	C. W. Adams	U	
	M-1232	22 Jun 51	The Photoelectric Conversion Program (T-190-12)	J. T. Gilmore, Jr.	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-407	25 Jun 51	Electrolytic Corrosion as a Possible Future Source of Trouble Affecting WWI Reliability	J. S. Hanson	U	
	A-122	1 Jul 51	Laboratory Contracts, Accounts and Bi-Weekly Reports	H. Fahnestock	U	
	M-1240	1 Jul 51	Vacuum Tube Failures During the Month of June, 1951	H. B. Frost	U	
	Memo	2 Jul 51	MIT - Trans-Sonics Weekly Summary 4 June 29, 1951	C. W. Watt	U	
	M-1238	2 Jul 51	Some Thoughts on Equipment Reliability and How to Improve it	C. W. Watt	U	
	E-408	3 Jul 51	Transistor Conference, June 12, 1951	J. A. O'Brien	U	
	M-1239	5 Jul 51	June 1951 Storage and Research Tube Summary	H. E. Cooke	U	
	Letter	6 Jul 51	To Paper Manufacturing Company, Philadelphia, Pa., Re: Paper Tape	J. A. O'Brien	U	
	E-409	6 Jul 51	Rational Selection of Vacuum Tube Types for Computer Applications	H. B. Frost	U	
	M-1243	11 Jul 51	Visit to the 1101 Computers (ERA)	N. H. Taylor	U	
	M-1245	11 Jul 51	Possible Use of Magnetic Drums	N. H. Taylor	U	
	Memo	16 Jul 51	M.I.T. Trans-Sonics Weekly Summary #6 July 16, 1951	C. W. Watt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	C-107	20 Jul 51	Applications Group Meeting - A Comparison of WWI and EDSAC Input Conversion Program	P. A. Fox	U	
	Memo	23 Jul 51	M.I.T. Trans-Sonics Weekly Summary #7 July 23, 1951	C. W. Watt	U	
	E-410	23 Jul 51	The Complementary Circuit Method for Determination of Interface Resistance	H. B. Frost	U	
	M-1249	23 Jul 51	Summary of Production Meeting and Schedule Changes Friday, 20 July 1951	C. W. Watt	U	
	E-411	24 Jul 51	Additional ES Test Programs	G. Cooper	U	
	C-108	25 Jul 51	Applications Group Meeting - Preset and Program Parameters in Subroutines	P. A. Fox	U	
	C-109	26 Jul 51	Applications Group Meeting - General Subroutine Usage	P. A. Fox	U	
	C-110	27 Jul 51	Applications Group Meeting - Orientation of Subroutines (con't)	P. A. Fox	U	
	M-1256	27 Jul 51	Summary of Production Meeting, and Schedule Changes, Friday 27 July 1951	R. Osborne C. W. Watt	U	
	Memo	30 Jul 51	M.I.T. Trans-Sonics Weekly Summary #8 July 30, 1951	C. W. Watt	U	
	C-111	31 Jul 51	Applications Group Meeting - Proposed Subroutine Techniques	H. Saxenian	U	
	C-112	1 Aug 51	Applications Group Meeting - Subroutine Notation	H. Saxenian	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1258	1 Aug 51	Vacuum Tube Failures During the Month of July 1951	H. B. Frost M. C. Mackey	U	
	M-1251	1 Aug 51	July 1951 Storage and Research Tube Summary	H. E. Cooke	U	
	C-113	2 Aug 51	Applications Group Meeting - Designation of Numbers in WWI Preset Parameters	H. Saxenian	U	
	C-114	6 Aug 51	Suggestions for Setting Up 6345 Applications Group	H. Saxenian	U	
	C-115	7 Aug 51	Applications Group Meeting - Sub-routine Library, Reference Library	H. Saxenian	U	
	E-413	7 Aug 51	Selection Systems for Magnetic Core Storage	R. R. Everett	U	
	M-1254	7 Aug 51	Summary of Production Meeting, and Schedule Changes, Friday 3 August 1951	R. Osborne C. W. Watt	U	
	E-412	7 Aug 51	Washing Procedures - Series W	R. A. Maglio G. A. DiPietro	U	
	C-116	9 Aug 51	Applications Group Meeting - General Outlines of Activities of Members Preparing Subroutines	H. Saxenian	U	
	Letter	9 Aug 51	Sylvania Electric Products, Inc., Emporium, Pa., - Re: Tests on 200 Type SR-1407	E. S. Rich	U	
	Letter	13 Aug 51	To Sylvania Electric Products Inc., Emporium, Pa., Re: Cathode Analysis	H. B. Frost	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-416	13 Aug 51	Investigation of Delay Line Failures as a Factor in WWI Reliability and Life Expectancy	J. S. Hanson	U	
	M-1262	14 Aug 51	Summary of Production Meeting and Schedule Changes, Friday 10 August 1951	R. Osborne C. W. Watt	U	
	R-209	15 Aug 51	Whirlwind I: A High-Speed Digital Computer	Digital Computer Laboratory	U	
	C-117	16 Aug 51	Applications Group Meeting - New Conversion Program Conventions	H. Saxenian	U	
	C-118	17 Aug 51	Applications Group Meeting - Proposed Orders for WWI Code	H. Saxenian	U	
	M-1263	17 Aug 51	D. C. Power Supplies for Whittimore Building. Trip to Power Equipment Company, Galion, Ohio	J. J. Gano	U	
	Memo	20 Aug 51	M.I.T. Trans-Sonics Weekly Summary #9 August 20, 1951	C. W. Watt	U	
	M-1265	21 Aug 51	Summary of Production Progress, and Schedule Changes, Week Ending 17 August 1951	R. Osborne C. W. Watt	U	
	M-1267	24 Aug 51	Summary of Production Progress, and Schedule Changes, Week Ending 24 August 1951	R. Osborne C. W. Watt	U	
	E-420	27 Aug 51	Some Observations Upon a Method of Determination of Oxide-Coated Cathode Operating Temperatures	H. B. Frost	U	
	M-1235	30 Aug 51	Operation of In-Out Control	B. E. Morriss	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1268	31 Aug 51	Conference Notes on Proposed 400 Series Tube for Whirlwind	P. Youtz	U	
	M-1274	31 Aug 51	Summary of Production Progress and Schedule Changes, Week Ending August 31, 1951	R. Osborne C. W. Watt	U	
	M-1273	1 Sep 51	Vacuum Tube Failures During the Month of August 1951	H. B. Frost	U	
	R-197	1 Sep 51	The Gate and Delay Unit (Model 2)	R. A. Rathbone R. L. Best	U	
	M-1270	4 Sep 51	D. C. Power Supplies for Whittemore Building	J. J. Gano	U	
	E-419	4 Sep 51	The Development of an R-F Readout System for Electrostatic Storage Tubes - Part II - The Initial WWI System	W. J. Nolan	U	
	E-422	4 Sep 51	Rectangular-Loop Magnetic Core Materials	W. N. Papian	U	
	M-1271	4 Sep 51	August 1951 Storage and Research Tube Summary	H. E. Cooke	U	
	E-364-1	4 Sep 51	Construction of a Beryllium Evaporation Boiler	R. R. Adams T. R. Parkins	U	
	E-423	4 Sep 51	A Check List on the Construction of a Beryllium Evaporation Boiler	R. R. Adams T. R. Parkins	U	
M-1276	11 Sep 51	ES Storage, Bank B Installation	H. L. Ziegler	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-425	13 Sep 51	A Discussion of Soft Solders and Soldering	M. C. Manderson	U	
	E-426	14 Sep 51	An Investigation of Soldering Problems	C. W. Watt M. C. Manderson	U	
	M-1279	18 Sep 51	Meeting of 14 September 1951 on Magnetic Tape Units	B. E. Morriss	U	
	Letter	18 Sep 51	To Sylvania Electric Products, Inc. Emporium, Pa., Re: Life Tests of 1407 and 7AK7 Tubes	H. B. Frost	U	
	M-1280	20 Sep 51	The Use of "Dag" for Interior Wall Coating	R. A. Maglio	U	
	E-403	20 Sep 51	Television Demonstration Unit, Part I	M. F. Mann	U	
	M-1285	23 Sep 51	Summary of Production Progress and Schedule Changes, Week Ending 23 September 1951	R. A. Osborne C. W. Watt	U	
	M-1283	24 Sep 51	Spares for Transformers (and other parts) in WWI 500-Volt Supplies	W. J. Nolan	U	
	M-1284	24 Sep 51	Method of Preparing Subroutines for the Subroutine Library	J. Carr J. T. Gilmore, Jr.	U	
	E-427	26 Sep 51	Initial Standard Tests (Pretest) for WWI Storage Tubes	C. L. Corderman	U	
L-29	28 Sep 51	A Breakdown of Visits to Project WW by Educational Institutions, Industries and Government Departments from September 1, 1950 to September 1, 1951		U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1287	28 Sep 51	Organization of Subroutine Library	J. Carr	U	
	R-166-1	28 Sep 51	Digital Computers Information Processing Systems	J. W. Forrester	U	
	M-1289	28 Sep 51	Summary of Production Progress and Schedule Changes, Week Ending 28 September 1951	R. A. Osborne C. W. Watt	U	
	M-1295	1 Oct 51	Vacuum Tube Failures During the Month of September, 1951	H. B. Frost M. C. Mackey	U	
	M-1294	2 Oct 51	September 1951 Storage and Research Tube Summary	H. E. Cooke	U	
	E-418	2 Oct 51	The Development of an R-F Readout System for Electrostatic Storage Tubes - Part I: General Considerations	W. J. Nolan	U	
	E-428	5 Oct 51	Proposed New Order <u>dm</u> (<u>gm</u>) Difference of Magnitudes	R. P. Mayer	U	
	E-429	8 Oct 51	Proposed New Order <u>cl</u> (<u>gc</u>), Cycle Left	R. P. Mayer	U	
	E-430	8 Oct 51	Order <u>sf</u> , Proposed Modification Involving AR	R. P. Mayer	U	
	Letter	9 Oct 51	Raytheon Manufacturing Company, Receiving Tube Division, Newton, Mass. Re: Interface Resistance of Standard Diodes	H. B. Frost	U	
	M-1297	9 Oct 51	Repair of Delay Lines	B. Paine	U	
	E-431	17 Oct 51	500-Volt Power Supplies Used in the Whirlwind Computer	W. J. Nolan	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1302	18 Oct 51	Flexowriter Equipment Planning	C. W. Watt	U	
	M-1303	22 Oct 51	Possible Uses of a Magnetic Drum with the Library of Subroutines	J. W. Carr	U	
	M-1304	23 Oct 51	Progress on Subroutine Library	J. W. Carr	U	
	M-1308	25 Oct 51	Programmed for Extra ES Registers	M. F. Mann	U	
	M-1311	25 Oct 51	Conversion of the WWI Flip-Flop to D. C. Coupling	F. E. Irish	U	
	M-1307	26 Oct 51	Reliability Studies - A Proposal	C. W. Watt	U	
	M-1309	30 Oct 51	Modifications to Order gp, and Tape Output Unit	L. H. Norcott	U	
	E-434	31 Oct 51	Burroughs Test Equipment	R. L. Best	U	
	AR-201	1 Nov 51	Applications and Procedures for the Whirlwind I Computer	C. W. Adams	U	
	M-1316	2 Nov 51	Order-by-Order Print-Out	J. W. Carr III	U	
	M-1315	2 Nov 51	October 1951 Storage and Research Tube Summary	H. E. Cooke	U	
	M-1317	2 Nov 51	Summary of WWI Component Failure Analysis During September-October 1951	B. Paine	U	
	M-1323	6 Nov 51	Proposed Addition of a Parity Checking Arrangement to the Final Paper Tape Input Equipment	F. E. Heart	U	
	M-1324	9 Nov 51	Procedure for Submitting Subroutines to the Subroutine Library	D. E. Lenihan	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	Memo	15 Nov 51	Memorandum M-1306, Reliability Studies	J. W. Forrester	U	
	M-1328	16 Nov 51	Flexowriter Tape Comparer	J. W. Carr	U	
	M-1329	16 Nov 51	Proposed Organization of Matrix Calculations on Whirlwind I	J. W. Carr	U	
	M-1333	21 Nov 51	Traffic System of Photographs Taken by Fairchild Camera	J. Gilmore	U	
	M-1337	27 Nov 51	Use of the Interim Magnetic Tape Equipment	F. E. Heart	U	
	M-1340	28 Nov 51	Reliability Studies - A Proposal	C. W. Watt	U	
	E-437	29 Nov 51	Procedure for Fabricating Delay Lines from Bulk Cable	J. S. Hanson	U	
	M-1345	3 Dec 51	November 1951 Storage and Research Tube Summary	H. E. Cooke	U	
	M-1350	10 Dec 51	Operational Procedure on the Whirlwind Computer	J. T. Gilmore	U	
	M-1349	11 Dec 51	Procedure for Requesting Tape Preparation	J. T. Gilmore	U	
	R-202	12 Dec 51	Rational Selection of Vacuum Tube Types for Computer Applications	H. B. Frost	U	
	M-1359	19 Dec 51	Informal Programming Sessions at the Philadelphia A.I.E.E. - I.R.E. - A.C.M. Convention	J. W. Carr	U	
	E-436	19 Dec 51	Bibliography on Components and Circuit Fabrications Technique	B. B. Paine	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-439	20 Dec 51	Location of Operations dm (gm) and cl (gl); Permanent Operation	C. W. Adams R. P. Mayer	U	
	C-119	20 Dec 51	Notes on a Series of Lectures on Polynomial Approximation Given to the Mathematics Group by Professor Philip Franklin	F. C. Helwig	U	
	E-440	21 Dec 51	WWI Operating Speed	R. P. Mayer	U	
	Reprint (A.I.E.E.)	Dec 51	The Whirlwind I Computer	R. R. Everett	U	
	M-1363	3 Jan 52	Summary of Component Analysis During November - December 1951	B. B. Paine	U	
	M-1368	10 Jan 52	December 1951 Storage and Research Tube Summary	H. E. Cooke	U	
	Letter	14 Jan 52	To Paper Manufacturing Co., Philadelphia Pa., Re: Special Gray Perforating Tape #153	H. B. Morley	U	
	M-1372	16 Jan 52	Acceptance of WWI Panels	S. H. Dodd	U	
	M-1374	18 Jan 52	Outline of Perforated-Tape Handling Equipment Needed for WWI Applications	C. W. Adams	U	
	E-442	18 Jan 52	Analysis of Vacuum Tube Failure Data	L. Sutro-H. Frost M. Mackey	U	
	M-1379	21 Jan 52	Trips to ERA and University of Illinois	C. L. Coderman	U	
	M-1373	21 Jan 52	Availability and Safety of Technicians	H. F. Mercer	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1380	22 Jan 52	Symposium on Williams - Tube Failure	T. S. Greenwood	U	
	E-433-1	25 Jan 52	Interface Formation in 6A67 Tubes	H. B. Frost	U	
	M-1394	28 Jan 52	Tape Preparation Procedure	C. W. Adams	U	
	E-445	1 Feb 52	Improvements to the Model 2 Crystal Tester	B. B. Paine	U	
	M-1384	1 Feb 52	Trouble-Location Procedures	D. A. Kemper	U	
	M-1385	4 Feb 52	Subroutine Procedures	D. E. Lenihan	U	
	E-446	4 Feb 52	Operations 0-5, Revisions	R. P. Mayer	U	
	M-1390	7 Feb 52	January 1952 Storage and Research Tube Summary	A. J. Cann	U	
	M-1391	7 Feb 52	Flexowriter Equipment Planning and Progress Report	L. H. Norcott	U	
	M-1410	14 Feb 52	Results of Numerical Solutions of Linear Parabolic Partial Differential Equations	J. D. Porter	U	
	M-1393	15 Feb 52	WWI Drawing and Panel Change Procedures	S. H. Dodd	U	
	M-1398	15 Feb 52	Reporting on Troubles Affecting Computer Reliability	S. H. Dodd	U	
	E-449	15 Feb 52	The CADAC Computer	E. Emerson-A. Werlin	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1412	28 Feb 52	Precautions and Operating Notes for the Project Whirlwind R-F Induction Heater	F. H. Caswell	U	
	R-901	29 Feb 52	The Binary System of Numbers	M. F. Mann	U	
	E-452	3 Mar 52	Relay and Contact Life Test	R. E. Hunt	U	
	M-1422	10 Mar 52	February 1952 Storage and Research Tube Summary	A. J. Cann	U	
	M-1423	12 Mar 52	Summary of Component Analysis During January - February 1952	B. B. Paine	U	
	R-207	13 Mar 52	The Use of a Transductance Bridge in the Measurement of Cathode Interface Impedance	H. B. Frost	U	
	M-1427	14 Mar 52	Vacuum Tube Failures During the Month of October 1951	H. B. Frost A. J. Parisi	U	
	E-453	17 Mar 52	Error Diagnosis Subroutines for Use with Standard Single Length Programs	D. Combelic	U	
	A-131	26 Mar 52	Accounting Procedures, DLC6889	H. Fahnestock	U	
	M-1434	27 Mar 52	Procedures for Stripping Enamelled Wires	B. B. Paine	U	
	M-1437	1 Apr 52	March 1952 Storage and Research Tube Summary	A. J. Cann	U	
	E-456	2 Apr 52	Block Diagram of Control for Printers and Paper Tube Units for the Final in-Out System	P. W. Stephan	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	R-208	2 Apr 52	The Digital Computer as a Control Element (Talk Delivered at IRE National Convention, New York, on 5 March 1952)	C. R. Wieser	U	
	M-1441	3 Apr 52	Vacuum Tube Failure During the Month of November 1951	H. B. Frost A. J. Parisi	U	
	M-1443	3 Apr 52	The Dismantling and Reassembling of System #4 for Purposes of Cleaning	E. J. Skrzypinski	U	
	M-1447	8 Apr 52	Application of Vinyl Sleeving to Storage Tube Leads	A. J. Cann	U	
	E-457	8 Apr 52	Current Density Distribution in the Fringe Region of a Focused Electron Beam	C. L. Coderman	U	
	M-1451	9 Apr 52	Vacuum Tube Failures During the Month of December 1951	H. B. Frost A. J. Parisi	U	
	M-1445	23 Apr 52	Automatic Assembly of Programs	J. W. Carr III	U	
	M-1579	Apr 52	Vacuum Tube Failures During the Month of April 1952	H. B. Frost A. J. Parisi	U	
	R-127-1	May 52	Whirlwind I Computer Block Diagrams (2 Volumes)	R. R. Everett F. E. Swain	U	
	M-1472	1 May 52	April 1952 Storage and Research Tube Summary	R. E. Hegler	U	
	M-1474	1 May 52	Additional Rack Space for Magnetic Tape Equipment	K. E. McVicar	U	
	M-1483	9 May 52	Stereo Display for Whirlwind	J. H. Hughes	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1487	13 May 52	Proposed Layout of Room 156 and Required Wireways	R. E. Hunt	U	
	M-1499	23 May 52	The Interim Magnetic Tape System	S. B. Ginsburg K. E. McVicar	U	
	M-1501	26 May 52	Accounting Procedures	Purchasing	U	
	M-1493	27 May 52	Air Conditioning Recommendations for Room 156 and Provision for Possible Future Air Conditioning Requirements in the Barta Building	J. H. Newitt	U	
	M-1617	May 52	Vacuum Tube Failures During the Month of May 1952	H. B. Frost A. J. Parisi	U	
	Reprint	May 52	Small Problems on Large Computers (Delivered at Association of Com- puting Machinery at Pittsburgh, May 2-3, 1952)	C. W. Adams	U	
	M-1508	1 Jun 52	May 1952 Storage and Research Tube Summary	R. E. Hegler	U	
	M-1507	2 Jun 52	Vacuum Tube Failures During the Month of January 1952	H. B. Frost A. J. Parisi	U	
	M-1509	3 Jun 52	Test Results and Proposed Modifi- cation of AFCRC Flip-Flop	R. L. Best	U	
	M-1510	5 Jun 52	Production of Stannic-Oxide Con- ductive Coatings of Glass	R. A. Maglio	U	
	M-1516	6 Jun 52	Use of the Interim Magnetic Tape Print-out Equipment	E. P. Farnsworth	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1514	10 Jun 52	Outline of Present Interim Operation of WWI Input-Output Equipment	F. E. Heart	U	
	M-1520	11 Jun 52	Major Failures of Components in WWI, August 1951 - May 1952	B. B. Paine	U	
	M-1513	17 Jun 52	Utility Programs Available to WWI Operators	J. T. Gilmore	U	
	M-1531	17 Jun 52	Interior Wall Coating (Dag)	J. S. Palermo	U	
	M-1533	18 Jun 52	Operating the Interim Magnetic Tape System	K. E. McVicar	U	
	M-1456	19 Jun 52	Silver Evaporation on System #4	E. J. Skezypinski	U	
	M-1534	20 Jun 52	Punching Paper Tape from Magnetic Tape	E. P. Farnsworth	U	
	M-1543	1 Jul 52	June 1962 Storage and Research Tube Summary	R. Hegler	U	
	M-1548	7 Jul 52	Use of Whirlwind I by Industrial Organizations	C. W. Adams	U	
	M-1551	17 Jul 52	Initial Operation of WWI Terminal Equipment with the New In-Out System	F. E. Heart	U	
	M-1551-S1	8 Aug 52	Initial Operation of WWI Terminal Equipment with the New In-Out System	P. R. Bagley	U	
	M-1559	21 Jul 52	Summary of Component Analysis During March, April, May and June 1952	B. B. Paine	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1561	21 Jul 52	Vacuum Tube Failures During the Month of February, 1952	H. B. Frost A. J. Parisi	U	
	M-1565	28 Jul 52	Installation Scheduling	C. W. Watt	U	
	M-1572	28 Jul 52	Air Conditioning for WWI New Equipment Program	J. H. Newitt	U	
	M-1572-S1	19 Sep 52	Air Conditioning for WWI New Equipment Program	J. H. Newitt	U	
	M-1572-S2	25 Nov 52	Air Conditioning for WWI New Equipment Program	J. H. Newitt	U	
	M-1576	28 Jul 52	Vacuum Tube Failures During the Month of March 1952	H. B. Frost	U	
	M-1567	31 Jul 52	Meeting on In-Out Installation 30 July 1952	J. A. O'Brien	U	
	M-1658	Jul 52	Vacuum Tube Failures During the Month of July, 1952	H. B. Frost A. J. Parisi	U	
	M-1596	4 Aug 52	July 1952 Storage and Research Tube Summary	R. E. Hegler D. M. Fisher	U	
	E-469	5 Aug 52	Visual Display Facilities in the Final WWI Input-Output System	J. W. Forgie	U	
	M-1580	5 Aug 52	Processing of Storage on the Vacuum System	R. L. Biagiotti	U	
	M-1574	8 Aug 52	Plug-In Units, Engineering Conference	S. H. Dodd	U	
	M-1589	11 Aug 52	Second Liaison Report, WWI New Equipment Progress	J. H. Newitt	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1590	12 Aug 52	Proposed September 1952 Input and Conversion Programs	C. W. Adams	U	
	M-1591	13 Aug 52	Description of Special Input Program Tape No. 2000	I. Mann	U	
	M-1594	13 Aug 52	Tape Room Procedure	C. W. Adams	U	
	E-473	21 Aug 52	Input Program, September 1952	C. W. Adams	U	
	M-1613	26 Aug 52	Power Supply Meeting - August 10, 1952	C. W. Watt	U	
	R-215	1 Sep 52	Standard Test Equipment	R. Best-L. Sutro	U	
	M-1624	2 Sep 52	Short Guide to Coding and WWI Operation Code	P. R. Bagley	U	
	M-1621	3 Sep 52	August 1952 Storage and Research Tube Summary	D. M. Fisher	U	
	Memo	4 Sep 52	Mica Procurement	P. Youtz	U	
	E-479	4 Sep 52	Basic Conversion Program - September 1952	M. Rotenberg	U	
	M-1627	5 Sep 52	The Raytheon Production of Plug-In Units	C. W. Watt	U	
	M-1634	9 Sep 52	General Notes on Theory and Technique of Spot Welding in Vacuum Tube Work	F. N. Caswell	U	
	E-482	11 Sep 52	Operation of Magnetic Tape Units	B. E. Morriss	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	E-481	17 Sep 52	Toggle Switch Inputs and Indicator Light Outputs as External Units	G. A. Young	U	
	M-1623	17 Sep 52	Programming for In-Out Units	P. R. Bagley	U	
	M-1623-S1	23 Sep 52	Programming for In-Out Units: Additions and Corrections	P. R. Bagley	U	
	M-1643	18 Sep 52	Control Matrix Modifications to be Made - 23 September 1952	J. H. Hughes	U	
	M-1647	23 Sep 52	Vacuum Tube Failures During the Month of June 1952	H. B. Frost	U	
	M-1649	24 Sep 52	Proposed New Order so, Subtract One	J. H. Hughes	U	
	E-484	29 Sep 52	Policy on Outside Users of Whirlwind I	C. W. Adams	U	
	M-1652	29 Sep 52	Basing Procedure	A. C. Haacke	U	
	M-1725	Sep 52	Vacuum Tube Failures During the Month of September 1952	H. B. Frost A. J. Parisi	U	
	M-1659	1 Oct 52	Tentative Schedule for Delivery and Testing of Auxiliary Drum System	K. E. McVicar P. W. Stephan	U	
	M-1665	1 Oct 52	September 1952 Storage and Research Tube Summary	D. M. Fisher	U	
	M-1671	8 Oct 52	Computer Operation Reports	D. A. Morrison	U	
	M-1672	8 Oct 52	Matching of Flip-Flop Resistors	B. B. Paine	U	
	M-1707	14 Oct 52	Vacuum Tube Failures During the Month of August 1952	H. B. Frost A. J. Parisi	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1684	27 Oct 52	Association of Computing Machinery Convention, September 1952	J. S. Greenwood C. L. Corderman	U	
	E-494	29 Oct 52	Modification of the Dumont 304-H Oscilloscope to Reduce Drift En- countered in WWI Display	D. J. Neville	U	
	M-1786	Oct 52	Vacuum Tube Failures During the Month of October 1952	H. B. Frost A. J. Parisi	U	
	M-1710	4 Nov 52	October 1952 Storage and Research Summary Report	D. M. Fisher	U	
	E-497	5 Nov 52	External Control Box for WWI New Equipment Progress	J. H. Newitt	U	
	E-498	12 Nov 52	An Electronic Holding Circuit	J. A. O'Brien	U	
	E-499	13 Nov 52	Operation of the Block Transfer Orders	B. E. Morriss	U	
	M-1591-2	19 Nov 52	Description of Special Input Program Tape No. 2028-2	M. Brand	U	
	E-501	20 Nov 52	Pretest Procedures for 700-Series Storage Tubes	D. M. Fisher C. L. Corderman	U	
	M-1733	26 Nov 52	A Word-by-Word Mode of Operation for the Paper Tape Punch	C. Young	U	
	M-1833	Nov 52	Vacuum Tube Failures During the Month of November 1952	H. B. Frost A. J. Parisi	U	
	M-1743	1 Dec 52	November 1952 Storage and Research Tube Summary	D. M. Fisher	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1623-1	5 Dec 52	Programming for In-Out Units	P. R. Bagley	U	
	M-1538	15 Dec 52	Procedure for Spraying Cathodes of Storage Tube Guns	F. H. Caswell	U	
	F-515	16 Dec 52	The Technique for Evaporation of a Beryllium Mosaic	T. F. Clough	U	
	M -1734	16 Dec 52	WWI Control Switches and Pushbuttons for Normal Operation by the Computer	J. H. Hughes	U	
	E-516	17 Jan 52	Comprehensive System of Service Routines	H. Uchiyama	U	
	M-1770	22 Dec 52	Tape Preparation Requisitions	M. C. Mackey	U	
	M-1834	Dec 52	Vacuum Tube Failures During the Month of December, 1952	H. B. Frost A. J. Parisi	U	
	M-1781	5 Jan 53	Proposed Print-Out Buffer Drum	E. P. Farnsworth	U	
	M-1782	5 Jan 53	Proposed Read-In Buffer Drum	E. P. Farnsworth	U	
	M-1783	6 Jan 53	Incoming Inspection of Crystal Diodes	B. B. Paine	U	
	M-1778	7 Jan 53	December 1952 Storage and Research Tube Summary	D. M. Fisher	U	
	M-1784	7 Jan 53	Meeting Held January 5, 1953 to Discuss Additional Work to be Done on Auxiliary Drum	G. F. Sandy	U	
	E-520	9 Jan 53	The WWI Auxiliary Magnetic Drum System	J. W. Forgie	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1794	12 Jan 53	Designation of Magnetic Tape Units	E. P. Farnsworth	U	
	M-1792	14 Jan 53	Modifications in Test Control	J. H. Hughes	U	
	M-1793	15 Jan 53	Proposed New Order, <u>ab</u> and Modifi- cation of <u>dm</u>	J. H. Hughes		
	M-1797	19 Jan 53	Proposed Revision of Whirlwind Power Supply Control to Provide Power Failure Protection	G. F. Sandy	U	
	Memo	29 Jan 53	To NMcI Sage, - Subj: Contract N5ori- 06001, Task order 1: Proposal for Extension Beyond Current Expiration Date for the Period 1 July 1954 through 30 June 1955	P. L. Morse - MIT Dept. of Physics	U	
	M-1820	4 Feb 53	January 1953 Storage and Research Tube Summary	D. M. Fisher	U	
	M-1823	5 Feb 53	Assignment and Utilization of Group 61 Computer Time	M. I. Brand	U	
	M-1829	6 Feb 53	Phenolic Dielectric Breakdowns in WWI	B. B. Paine	U	
	M-1843	11 Feb 53	Use of the Auxiliary Drum	R. L. Walquist	U	
	M-1847	16 Feb 53	Stannic Oxide Spray Procedure for Producing a Conductive Coating on Glass	R. A. Maglio	U	
E-527	19 Feb 53	Whirlwind Power Supply Control System Additions for the Control of Power to the MITE: Buffer Drum and Auxiliary Drum Systems	G. F. Sandy	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1867	26 Feb 53	WWI Order Changes, February 26, 1953	J. H. Hughes	U	
	M-1868	27 Feb 53	New Check Register Check System, WWI	J. H. Hughes	U	
	M-1879	3 Mar 52	February 1953 Storage and Research Tube Summary	D. M. Fisher	U	
	M-1889	9 Mar 52	Proposal for New Order <u>md</u> , Multiply Digits	J. H. Hughes	U	
	M-1901	11 Mar 53	Vacuum Tube Failures During the Month of January 1953	H. B. Frost A. J. Parisi	U	
	M-1909	13 Mar 53	WWI Experience with Dust and Blemishes on Magnetic Tape	J. W. Forgie	U	
	M-1930	24 Mar 53	S & EC Performance Request	M. S. Demurjian	U	
	E-536	26 Mar 53	Diagnostic Programs and Marginal Checking in the Whirlwind I Computer (paper presented at the N. Y. Convention of the IRE on 24 March 1953)	N. L. Daggett E. S. Rich	U	
	R-221 (Draft)	1 Apr 53	Whirlwind I Design Logic	M. F. Mann	U	
	M-1954	3 Apr 53	March 1953 Storage and Research Tube Summary	D. M. Fisher	U	
	M-1958	6 Apr 53	Meeting on March 31, 1953 to Discuss Proposed New Orders for WWI	J. H. Hughes	U	
	E-537	7 Apr 53	1953 Test Storage Input Program	J. Frankovich	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-1994	16 Apr 53	Vacuum Tube Failures During the Month of March 1953	H. B. Frost A. J. Parisi	U	
	M-1988	17 Apr 53	Summary of Components Failures July 1952 to March 1953	F. F. Yates	U	
	M-1986	21 Apr 53	"L" Cathodes in Electron Guns	T. S. Greenwood	U	
	M-1993	22 Apr 53	Vacuum Tube Failures During the Month of February 1953	H. Frost A. Parisi	U	
	E-516-1	28 Apr 53	Comprehensive System of Service Routines (CS): Errata, Clarifications and Cautions	H. Uchiyamada	U	
	E-516-2	28 Apr 53	Comprehensive System of Service Routines	H. Uchiyamada	U	
	M-2122	28 Apr 53	Tape Conversion Program T2545M2	W. Lone	U	
	M-2126	1 May 53	The Effect on Present Programs of In-Out System	B. Morriss	U	
	M-2135	4 May 53	Some Notes on Current Tube Types	H. B. Frost	U	
	M-2137	5 May 53	April 1953 Storage and Research Tube Summary	D. M. Fisher	U	
	M-2189	6 May 53	Vacuum Tube Failures During the Month of April 1953	H. B. Frost A. J. Parisi	U	
	M-2178	20 May 53	Reorganization of S & EC Group Biweekly Report	J. D. Porter	U	
	E-558	26 May 53	556 Drum Input Program, May 1953	F. C. Helwig	U	
	M-2203	27 May 53	S & EC Operator's Check List	K. J. Campbell	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-2200	27 May 53	Flexowriter Equipment Reallocation	M. S. Demurjian D. Israel - K. Olsen	U	
	M-2205	29 May 53	Some Properties of Cathodes Inter- face Impedance	H. B. Frost	U	
	M-2210	1 Jun 53	May 1953 Storage and Research Tube Summary	D. M. Fisher	U	
	M-2224	3 Jun 53	The Reduction of Inherited Errors in the Runge Kutta Solution of Differ- ential Equations	D. W. Wong	U	
	M-2188	4 Jun 53	Programming for and Operation of Oscilloscope and Camera	E. S. Kopley	U	
	M-2227	9 Jun 53	Summer Session System - I	M. Rotenberg D. Finkelstein	U	
	M-2235	11 Jun 53	Summer Session System - II Proposed Conversion Program and Tape Prepara- tion Procedure	D. Finkelstein M. Rotenberg	U	
	M-2239	12 Jun 53	Proposal for Documentation of Notes Regarding Equipment Construction	J. H. Hewitt	U	
	M-2259	18 Jun 53	Vacuum Tube Failures During the Month of May 1953	H. Frost - A. Parisi	U	
	M-2264	25 Jun 53	Testing of Buffer Drum System, Progress Report #1	R. J. Eulberg K. E. McVicar	U	
	M-2265	26 Jun 53	Group II Magnetic Drum Automatic Scope Post Mortem	F. S. Kopley	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-2279	1 Jul 53	June 1953 Storage and Research Tube Summary	D. M. Fisher	U	
	E-549	2 Jul 53	Basic Conversion Program	H. Briscoe	U	
	M-2269	3 Jul 53	Use of the Magnetic Tape and Delayed Output Equipment	H. Denman	U	
	M-2287	7 Jul 53	The Demodulator - Filter Switch Panel	R. Paddock	U	
	M-2184	20 Jul 53	Marginal Checking System Mod II, WWI	J. H. Hughes	U	
	M-2313	28 Jul 53	Tape Preparation	M. C. Mackey	U	
	M-2328	28 Jul 53	Vacuum Tube Failures During the Month of June 1953	H. B. Frost A. J. Parisi	U	
	M-2277	30 Jul 53	S & EC Group Computer Forms	K. J. Campbell	U	
	M-2341	3 Aug 53	July 1953 Storage and Research Tube Summary	D. M. Fisher	U	
	M-2349	14 Aug 53	Duration and Resistance of Shorts in the Tube Types 6145 and 5965	S. T. Wicken	U	
	M-2401	1 Sep 53	Summary of Component Failures - March 15, 1953 to August 15, 1953	F. F. Yates	U	
	M-2394	3 Sep 53	August 1953 Storage and Research Tube Summary	A. Zacharias	U	
	M-2396	4 Sep 53	Elimination of Delayed Print-Out Code	E. P. Farnsworth	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-2439	21 Sep 53	Vacuum Tube Failures During the Month of July 1953	H. B. Frost A. J. Parisi	U	
	R199-1	1 Oct 53	The Digital Computer Laboratory of the Massachusetts Institute of Technology	D. C. L.	U	
	M-2438	7 Oct 53	September 1953 Storage and Research Tube Summary	A. Zacharias	U	
	M-2487	21 Oct 53	Vacuum Tube Failures During the Month of August 1953	H. B. Frost A. J. Parisi	U	
	M-2461	22 Oct 53	Instructions for the Use of the Flexowriter-Verifier Equipment	C. Fleming M. S. Demurjian	U	
	M-2504	9 Nov 53	Revision of Test Control	N. L. Daggett	U	
	M-2515	12 Nov 53	S & EC Sunday Computer Time	C. W. Adams	U	
	M-2526	25 Nov 53	Component Standards for WWI	A. M. Falcione	U	
	M-2552	7 Dec 53	Flexowriter Equipment	M. S. Demurjian	U	
	M-2553	7 Dec 53	The Revised (30-jj) Programmed Arithmetic Subroutine	F. C. Helwig	U	
	M-2560	9 Dec 53	Proposed Change in Operation Timing for the Instruction "CP"	D. Arden F. Helwig	U	
	M-2671	Dec 53	Vacuum Tube Failures During the Month of December 1953	T. Clough A. J. Parisi	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-2623	4 Jan 54	Vacuum Tube Failures During the Month of September 1953	T. F. Clough A. J. Parisi	U	
	M-2624	8 Jan 54	Vacuum Tube Failures During the Month of October 1953	T. F. Clough	U	
	M-2617	12 Jan 54	Improvements in the Write Group - Selection System for the Auxiliary Drum	K. E. McVicar	U	
	M-2613	15 Jan 54	Whirlwind I Alarms	J. W. Thompson	U	
	M-2667	28 Jan 54	Vacuum Tube Failures During the Month of November 1953	T. F. Clough A. J. Parisi	U	
	M-2661	1 Feb 54	WWI Operation Times	H. Denman	U	
	M-2675	5 Feb 54	Operation of New Timing Register	R. H. Gould	U	
	M-1624-2	24 Feb	Short Guide to Coding and Whirlwind I Operation Code	P. R. Bagley	U	
	M-1624-2 S #1	31 May 55	Precepts for WWI Programmers	P. R. Bagley	U	
	E-466-1	26 Feb 54	Operation of the In-Out Element	E. S. Rich G. A. Young	U	
	M-2715	1 Mar 54	Programming for the Ferranti Photo- electric Tape Recorder	S. F. Best	U	
	M-2708	3 Mar 54	Vacuum Tube Failures During the Month of January 1954	T. F. Clough A. J. Parisi	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-2712	8 Mar 54	MITE 3 Operation Via the Buffer Drum of with the Computer Directly	A. M. Werlin	U	
	M-2729	15 Mar 54	Paper Tape Units and Printers in the WWI Input-Output System	G. A. Young	U	
	M-2539-1	Apr 54	Comprehensive System Manual I Introduction to Programming	H. H. Denman E. Kopley - J. Porter	U	
	M-2759	1 Apr 54	Use of the WWI Modification Notice	E. S. Rich	U	
	M-2779	20 Apr 54	WWI Rack Terminal Assignment Schedules and WWI Wiring Schedules	R. I. Dickie	U	
	M-2741	21 Apr 54	Operating Procedures for CSII	D. Combelic	U	
	M-2798	28 Apr 54	Tape Room Procedures for CSII	D. Combelic	U	
	R-221	1 May 54	Whirlwind I Operation Logic	M. Mann- R. Rathbone J. Bennet- D. Combelic	U	
	M-2833	24 May 54	Programming Procedure for CSII	D. Combelic	U	
	M-2991	28 May 54	Vacuum Tube Failures During the Month of March 1954	T. F. Clough A. J. Parisi	U	
	M-2991-S/#1	5 Oct 54	Vacuum Tube Failures During the Month of March 1954	T. F. Clough A. J. Parisi	U	
	M-2868	16 Jun 54	Operation of the Two Magnetic Tape Printout Systems	A. J. Roberts	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-2882	1 Jul 54	WWI Voltage Interlock Panel	D. A. Morrison	U	
	M-2891	13 Jul 54	Proposed Changes in WWI to Make Possible Programmed Recording of the "Lights"	A. Siegel	U	
	M-2910	19 Jul 54	Account of Silver Migration in a WWI Panel	B. B. Paine	U	
	M-3010	21 Jul 54	Vacuum Tube Failures During the Month of April 1954	T. F. Clough B. H. Jacobs	U	
	6M-3010 S #1	6 Oct 54	Vacuum Tube Failures During the Month of April 1954	T. F. Clough E. Welch	U	
	M-2967	5 Aug 54	Instruction Manual for WWI Thyatron D-C Power Supplies	S. T. Coffin	U	
	M-3046	1 Sep 54	Vacuum Tube Failures During the Month of June 1954	T. F. Clough B. H. Jacobs	U	
	6M-3046 S#1	14 Oct 54	Vacuum Tube Failures During the Month of June 1954	T. F. Clough E. Welch	U	
	M-3020	3 Sep 54	Report on Results of Tests on Multiplier 7AK7's	A. Zacharias	U	
	M-3025	9 Sep 54	Use of Punched Cards for Computer Records	R. A. Ceasari	U	
M-2759-1	15 Sep 54	Use of the WWI Modification Notice	E. S. Rich	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	M-3045	20 Sep 54	Vacuum Tube Failures During the Month of May 1954	T. F. Clough B. Jacobs - E. Welch	U	
	M-3058	20 Sep 54	The Consolidated Test Program - T-3432	D. A. Morrison	U	
	M-3067	22 Sep 54	Vacuum Tube Failures During the Month of July 1954	T. F. Clough B. Jacobs - E. Welch	U	
	M-1623-2	Sep 54	Programming for In-Out Units	H. H. Denman	U	
	6M-3239	8 Oct 54	Vacuum Tube Failures During the Month of August 1954	T. F. Clough B. Jacobs - E. Welch	U	
	6M-3173	18 Nov 54	Vacuum Tube Failures During the Month of September 1954	T. F. Clough E. A. Searle	U	
	6M-3216	2 Dec 54	Vacuum Tube Failures During the Month of October 1954	T. F. Clough E. A. Searle	U	
	6M-3255	3 Jan 55	Vacuum Tube Failures During the Month of November 1954	T. F. Clough E. A. Searle	U	
	6M-3255 S#1	9 Feb 55	Vacuum Tube Failures During the Month of November 1954	T. F. Clough M. Terrasi	U	
	6M-3283	11 Jan 55	Vacuum Tube Failures During the Month of December 1954	T. F. Clough E. A. Searle	U	
6M-3283 S#1	10 Feb 55	Vacuum Tube Failures During the Month of December 1954	T. F. Clough M. Terrasi	U		

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	6M-3352	2 Feb 55	Vacuum Tube Failures During the Month of January 1955	T. F. Clough E. A. Searle	U	
	6M-3359	7 Feb 55	Proposal for Two New Instructions for Whirlwind I	J. N. Ackley	U	
	6M-3359 C#1	28 Feb 55	Proposal for Two New Instructions for Whirlwind I		U	
	6M-3393	25 Feb 55	Rules for Programming for the Room 156 Consolidated Test Control Program	J. N. Ackley	U	
	6M-3410	1 Mar 55	Analysis of Recent Performance Records for the Whirlwind Computer Systems	E. S. Rich	U	
	6M-3420	4 Mar 55	Comprehensive System II and Post Mortems	W. R. Veechia	U	
	6M-3450	14 Mar 55	Demonstration Program T-3782	J. N. Ackley	U	
	6M-3451	15 Mar 55	Hints for Whirlwind I Maintenance Programmers	J. N. Ackley	U	
	6M-3473	16 Mar 55	Vacuum Tube Failures During the Month of February 1955	T. F. Clough E. A. Searle	U	
	6M-3507	15 Apr 55	The Room-156 Consolidated Test Program T-3800 for WWI	D. A. Morrison J. N. Ackley	U	
	6M-3591	5 May 55	Vacuum Tube Failures During the Month of March 1955	T. F. Clough E. A. Searle	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	6M-3623	16 May 55	Vacuum Tube Failures During the Month of April 1955	T. F. Clough E. A. Searle	U	
	6M-3623 S#1	24 May 55	Vacuum Tube Failures During the Month of April 1955	T. F. Clough M. Terrasi	U	
	6M-3622	19 May 55	Change of Interlace on the Buffer Drum	L. D. Healy	U	
	6M-3646	27 May 55	Installation of a Lock-In-Read Mode for Magnetic Tape	A. J. Roberts	U	
	6M-3680	8 Jun 55	Vacuum Tube Failures During the Month of May 1955	T. F. Clough E. Searle - M. Terrasi	U	
	6M-3715	24 Jun 55	Vacuum Tube Failures During the Month of June 1955	T. F. Clough E. A. Searle	U	
	6M-3715 S#1	28 Jul 55	Vacuum Tube Failures During the Month of June 1955	T. F. Clough M. Terrasi	U	
	6M-3725	29 Jun 55	Programming for the WWI Crosstell Output System	J. N. Ackley	U	
	6M-3725 S#1	20 Jul 55	Programming for the WWI Crosstell Output System	J. N. Ackley	U	
	6M-2313-1	15 Jul 55	Tape Preparation	R. M. Parker	U	
	6M-3784	26 Jul 55	Programming for the WWI Crosstell Input System	C. S. Lin	U	
	6M-3794	28 Jul 55	Drumless Read-In Program T-1008	J. N. Ackley	U	
	6M-3794 S#1	25 Aug 55	Drumless Read-In Program T-1008	J. N. Ackley	U	

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SUBJECT	IDENTIFICATION	DATE	TITLE	AUTHOR	CLS.	COPY NO.
REPORTS AND CORRESPONDENCE	6M-3807	2 Aug 55	Vacuum Tube Failures During the Month of July 1955	T. F. Clough E. A. Searle	U	
	6M-3871	1 Sep 55	A New Mode of Drum Operation for Block Transfers	L. D. Healy	U	
	6M-3897	21 Sep 55	Revisions to Whirlwind I Instruction Code	H. Peterson	U	
	6M-3962	2 Nov 55	Change of Drum Address of the Crosstall Input System	E. W. Pughe C. S. Lin	U	
	M-2539-2	Dec 55	Comprehensive System Manual: A System of Automatic Coding for the Whirlwind Computer	C. W. Adams D. Arden - et al	U	
	6M-4152	9 Feb 56	Description of the WWI Crosstell Input System	E. W. Pughe	U	
	6M-4230	9 Mar 56	Use of the WWI General Electric Ground-to-Air Data Link Output System	C. S. Lin L. D. Healy	C	9
	6M-4230 S#1	2 Jul 56	Change of Available Addresses of the WWI GE G/A Data Link Output System	C. S. Lin	U	
	6M-4230 S#2	22 Nov 57	Reshuffling of Bits in the WWI G.E. G/A Data Link System and Some Comments on Phase Messages	C. S. Lin	U	

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REPORTS AND CORRESPONDENCE	6M-4420	31 Jul 56	The Expanded WWI High-Speed Memory	D. A. Morrison	U	
	6M-4523	1 Aug 56	Programming the New WWI Semi-Automatic Height Finder Request Coder	C. S. Lin	U	
	6M-4539	15 Aug 56	Proposal to Shorten WWI Core Memory Access Time	A. N. Blumenthal D. A. Morrison	U	
	6M-4420-1	20 Aug 56	The Expanded WWI High-Speed Memory	A. N. Blumenthal D. A. Morrison	U	
	6M-4420-1 S#1	14 Dec 56	The Expanded WWI High-Speed Memory	A. N. Blumenthal D. A. Morrison	U	
	6M-4420-1 S#2	27 Feb 57	Modification of the Change Fields (cf) Instruction in the WWI Computer	D. A. Morrison	U	
	6M-4420-1 S#3	19 Mar 57	Modification of the Change Fields (cf) Instruction in the WWI Computer	D. A. Morrison	U	
	6M-4418	10 Sep 56	Programming for Bath, Maine FST-2 Input to WWI	E. W. Pughe	U	
	6M-4713	15 Oct 56	Reliability Analysis of WWI Computer Time Period: 5 October to 11 October 1956	A. R. Curtiss	U	
	6M-4713-1	19 Oct 56	Reliability Analysis of WWI Computer Time Period: 12 October to 18 October 1956	A. R. Curtiss	U	
6M-4713-2	26 Oct 56	Reliability Analysis of WWI Computer Time Period: 19 October to 25 October 1956	A. R. Curtiss	U		

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REPORTS AND CORRESPONDENCE	6M-4731-3	2 Nov 56	Reliability Analysis of WWI Computer Time Period: 26 October to 1 November 1956	A. R. Curtiss	U	
	6M-4731-4	9 Nov 56	Reliability Analysis of WWI Computer Time Period: 2 November to 8 November 1956	A. R. Curtiss	U	
	6M-4781	9 Nov 56	Proposal for WWI Modification to Permit Automatic Output Teletype	D. F. Allen L. H. Norcott	U	
	6M-4731-5	16 Nov 56	Reliability Analysis of WWI Computer Time Period: 9 November to 15 November 1956	A. R. Curtiss	U	
	6M-4731-6	23 Nov 56	Reliability Analysis of WWI Computer Time Period: 16 November to 22 November 1956	A. R. Curtiss	U	
	6M-4731-7	30 Nov 56	Reliability Analysis of WWI Computer Time Period: 23 November to 29 November 1956	A. R. Curtiss	U	
	6M-4713-8	7 Dec 56	Reliability Analysis of WWI Computer Time Period: 30 November to 6 December 1956	A. R. Curtiss	U	
	6M-4713-9	15 Dec 56	Reliability Analysis of WWI Computer Time Period: 7 - 13 December 1956	A. R. Curtiss	U	
	6M-4713-10	21 Dec 56	Reliability Analysis of WWI Computer Time Period: 14-20 December 1956	A. R. Curtiss	U	
	6M-4731-11	28 Dec 56	Reliability Analysis of WWI Computer Time Period: 21-27 December 1956	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-4842	4 Jan 57	Reliability Analysis of WWI Computer Time Period: 28 December 1956 - 3 January 1957	A. R. Curtiss	U	
	6M-4842-1	11 Jan 57	Reliability Analysis of WWI Computer Time Period: 4 January - 10 January 1957	A. R. Curtiss	U	
	6M-4842-2	18 Jan 57	Reliability Analysis of WWI Computer Time Period: 11 January - 17 January 1957	A. R. Curtiss	U	
	6M-4842-3	25 Jan 57	Reliability Analysis of WWI Computer Time Period: 18 January - 24 January 1957	A. R. Curtiss	U	
	6M-4842-4	1 Feb 57	Reliability Analysis of WWI Computer Time Period: 25-31 January 1957	A. R. Curtiss	U	
	6M-4842-5	8 Feb 57	Reliability Analysis of WWI Computer Time Period: 1 February - 7 February 1957	A. R. Curtiss	U	
	6M-4842-6	15 Feb 57	Reliability Analysis of WWI Computer Time Period: 8 February - 14 February 1957	A. R. Curtiss	U	
	6M-4917	20 Feb 57	The Anelex Printer	E. K. Gates	U	
	6M-4917 S1	7 Mar 57	The Anelex Printer	E. K. Gates	U	
	6M-4917 S2	19 Mar 57	The Anelex Printer	E. K. Gates	U	
	6M-4917 S3	27 Mar 57	The Anelex Printer	E. K. Gates	U	

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REPORTS AND CORRESPONDENCE	6M-4842-7	25 Feb 57	Reliability Analysis of WWI Computer Time Period: 15 February - 21 February 1957	A. R. Curtiss	U	
	6M-4842-7 C#1	27 Feb 57	Reliability Analysis of WWI Computer Time Period: 15 February - 21 February 1957	A. R. Curtiss	U	
	6M-4842-8	1 Mar 57	Reliability Analysis of WWI Computer Time Period: 22 February - 28 February 1957	A. R. Curtiss	U	
	6M-4542-1	6 Mar 57	Assignment of the WWI Instruction si 24 (octal)	E. K. Gates	U	
	6M-4842-9	8 Mar 57	Reliability Analysis of WWI Computer Time Period: 1 March - 7 March 1957	A. R. Curtiss	U	
	6M-4842-9 C#1	13 Mar 57	Reliability Analysis of WWI Computer Time Period: 1 March - 7 March 1957	A. R. Curtiss	U	
	6M-4842-10	15 Mar 57	Reliability Analysis of WWI Computer Time Period: 8 March - 14 March 1957	A. R. Curtiss	U	
	6M-4842-11	22 Mar 57	Reliability Analysis of WWI Computer Time Period: 15 March - 21 March 1957	A. R. Curtiss	U	
	6M-4282-12	29 Mar 57	Reliability Analysis of WWI Computer Time Period: 22 March - 28 March 1957	A. R. Curtiss	U	
	6M-4976	5 Apr 57	Reliability Analysis of WWI Computer Time Period: 29 March - 4 April 1957	A. R. Curtiss	U	
	6M-4976-1	11 Apr 57	Reliability Analysis of WWI Computer Time Period: 5 April - 11 April 1957	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-4976-2	22 Apr 57	Reliability Analysis of WWI Computer Time Period: 12 April - 18 April 1957	A. R. Curtiss	U	
	6M-4976-3	26 Apr 57	Reliability Analysis of WWI Computer Time Period: 19 April - 25 April 1957	A. R. Curtiss	U	
	6M-5103	2 May 57	WWI Automatic Teletype Output System	D. F. Allen	U	
	6M-4976-4	3 May 57	Reliability Analysis of WWI Computer Time Period: 26 April - 2 May 1957	A. R. Curtiss	U	
	6M-4976-5	10 May 57	Reliability Analysis of WWI Computer Time Period: 3 May - 9 May 1957	A. R. Curtiss	U	
	6M-4976-6	17 May 57	Reliability Analysis of WWI Computer Time Period: 10 May - 16 May 1957	A. R. Curtiss	U	
	6M-4976-7	24 May 57	Reliability Analysis of WWI Computer Time Period: 17 May - 23 May 1957	A. R. Curtiss	U	
	6M-4976-8	31 May 57	Reliability Analysis of WWI Computer Time Period: 24 May - 30 May 1957	A. R. Curtiss	U	
	6M-4976-9	7 Jun 57	Reliability Analysis of WWI Computer Time Period: 31 May - 6 June 1957	A. R. Curtiss	U	
	6M-4976-10	14 Jun 57	Reliability Analysis of WWI Computer Time Period: 7 June - 13 June 1957	A. R. Curtiss	U	
	6M-4976-11	21 Jun 57	Reliability Analysis of WWI Computer Time Period: 14 June - 20 June 1957	A. R. Curtiss	U	
	6M-4976-12	28 Jun 57	Reliability Analysis of WWI Computer Time Period: 21 June - 27 June 1957	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-4458	9 Jul 57	Reliability Analysis of WWI Computer Time Period: 28 June - 4 July 1957	A. R. Curtiss	U	
	6M-4458-1	12 Jul 57	Reliability Analysis of WWI Computer Time Period: 5 July - 11 July 1957	A. R. Curtiss	U	
	6M-4458-2	19 Jul 57	Reliability Analysis of WWI Computer Time Period: 12 July - 18 July 1957	A. R. Curtiss	U	
	6M-4458-3	29 Jul 57	Reliability Analysis of WWI Computer Time Period: 19 July - 25 July 1957	A. R. Curtiss	U	
	6M-4458-4	5 Aug 57	Reliability Analysis of WWI Computer Time Period: 26 July - 1 August 1957	A. R. Curtiss	U	
	6M-5171-	14 Aug 57	Anelex Post-Mortem 1255 m2 and 1255 m9	C. S. Lin	U	
	6M-4458-6	16 Aug 57	Reliability Analysis of WWI Computer Time Period: 9 August - 15 August 1957	A. R. Curtiss	U	
	6M-4458-7	23 Aug 57	Reliability Analysis of WWI Computer Time Period: 16 August - 22 August 1957	A. R. Curtiss	U	
	6M-4458-8	30 Aug 57	Reliability Analysis of WWI Computer Time Period: 23 August - 29 August 1957	A. R. Curtiss	U	
	6M-4458-9	6 Sep 57	Reliability Analysis of WWI Computer Time Period: 30 August - 5 September 1957	A. R. Curtiss	U	
	6M-4458-10	13 Sep 57	Reliability Analysis of WWI Computer Time Period: 6 September - 12 Sept. 1957	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-4458-11	23 Sep 57	Reliability Analysis of WWI Computer Time Period: 13 September - 19 September 1957	A. R. Curtiss	U	
	6M-4458-12	27 Sep 57	Reliability Analysis of WWI Computer Time Period: 20 September - 26 September 1957	A. R. Curtiss	U	
	6M-5248	4 Oct 57	Reliability Analysis of WWI Computer Time Period: 27 September - 3 October 1957	A. R. Curtiss	U	
	6M-5248-1	10 Oct 57	Reliability Analysis of WWI Computer Time Period: 4 October - 10 October 1957	A. R. Curtiss	U	
	6M-5248-2	18 Oct 57	Reliability Analysis of WWI Computer Time Period: 11 October - 17 October 1957	A. R. Curtiss	U	
	6M-5248-3	25 Oct 57	Reliability Analysis of WWI Computer Time Period: 18 October - 24 October 1957	A. R. Curtiss	U	
	6M-5248-4	1 Nov 57	Reliability Analysis of WWI Computer Time Period: 25 October - 31 October 1957	A. R. Curtiss	U	
	6M-5248-5	8 Nov 57	Reliability Analysis of WWI Computer Time Period: 1 November - 7 November 1957	A. R. Curtiss	U	
	6M-5248-6	15 Nov 57	Reliability Analysis of WWI Computer Time Period: 8 November - 14 November 1957	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-5248-7	25 Nov 57	Reliability Analysis of WWI Computer Time Period: 15 November - 21 November 1957	A. R. Curtiss	U	
	6M-5248-8	29 Nov 57	Reliability Analysis of WWI Computer Time Period: 22 November - 28 November 1957	A. R. Curtiss	U	
	6M-5126	4 Dec 57	Statistics on the Utilization of WWI	J. N. Ackley	U	
	6M-5412	4 Dec 57	Operational Instructions for Group 64 Tracking and Output Programs (#1251)	P. J. Murphy	U	
	6M-5417	4 Dec 57	Modification of WWI Check Instruction	P. J. Murphy	U	
	6M-5248-9	6 Dec 57	Reliability Analysis of WWI Computer Time Period: 29 November - 5 December 1957	A. R. Curtiss	U	
	6M-5248-10	17 Dec 57	Reliability Analysis of WWI Computer Time Period: 6 December - 12 December 1957	A. R. Curtiss	U	
	6M-5248-11	20 Dec 57	Reliability Analysis of WWI Computer Time Period: 13 December - 19 December 1957	A. R. Curtiss	U	
	6M-5248-12	30 Dec 57	Reliability Analysis of WWI Computer Time Period: 20 December - 26 December 1957	A. R. Curtiss	U	
	6M-5451	7 Jan 58	Reliability Analysis of WWI Computer Time Period: 27 December - 2 January 1958	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-5451-1	13 Jan 58	Reliability Analysis of WWI Computer Time Period: 3 January - 9 January 1958	A. R. Curtiss	U	
	6M-5451-2	17 Jan 58	Reliability Analysis of WWI Computer Time Period: 10 January - 16 January 1958	A. R. Curtiss	U	
	6M-5451-3	24 Jan 58	Reliability Analysis of WWI Computer Time Period: 17 January - 23 January 1958	A. R. Curtiss	U	
	6M-5451-4	31 Jan 58	Reliability Analysis of WWI Computer Time Period: 24 January - 30 January 1958	A. R. Curtiss	U	
	6M-5451-5	7 Feb 58	Reliability Analysis of WWI Computer Time Period: 31 January - 6 February 1958	A. R. Curtiss	U	
	6M-5551	12 Feb 58	Programming for WWI Digital Output Coder (DOC) System	P. J. Murphy	U	
	6M-5451-6	18 Feb 58	Reliability Analysis of WWI Computer Time Period: 7 February - 13 February 1958	A. R. Curtiss	U	
	6M-5451-7	21 Feb 58	Reliability Analysis of WWI Computer Time Period: 14 February - 20 February 1958	A. R. Curtiss	U	
	6M-5451-8	28 Feb 58	Reliability Analysis of WWI Computer Time Period: 21 February - 27 February 1958	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-5451-9	7 Mar 58	Reliability Analysis of WWI Computer Time Period: 28 February - 6 March 1958	A. R. Curtiss	U	
	6M-5451-10	14 Mar 58	Reliability Analysis of WWI Computer Time Period: 7 March - 13 March 1958	A. R. Curtiss	U	
	6M-5451-11	21 Mar 58	Reliability Analysis of WWI Computer Time Period: 14 March - 20 March 1958	A. R. Curtiss	U	
	6M-5451-12	28 Mar 58	Reliability Analysis of WWI Computer Time Period: 21 March - 27 March 1958	A. R. Curtiss	U	
	6M-5626	4 Apr 58	Reliability Analysis of WWI Computer Time Period: 28 March - 3 April 1958	A. R. Curtiss	U	
	6M-5626-1	11 Apr 58	Reliability Analysis of WWI Computer Time Period: 4 April - 10 April 1958	A. R. Curtiss	U	
	6M-5626-2	18 Apr 58	Reliability Analysis of WWI Computer Time Period: 11 April - 17 April 1958	A. R. Curtiss	U	
	6M-5626-3	25 Apr 58	Reliability Analysis of WWI Computer Time Period: 18 April - 24 April 1958	A. R. Curtiss	U	
	6M-5626-4	2 May 58	Reliability Analysis of WWI Computer Time Period: 25 April - 1 May 1958	A. R. Curtiss	U	
	6M-5626-5	9 May 58	Reliability Analysis of WWI Computer Time Period: 2 May - 8 May 1958	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-5626-6	16 May 58	Reliability Analysis of WWI Computer Time Period: 9 May - 15 May 1958	A. R. Curtiss	U	
	6M-5626-7	26 May 58	Reliability Analysis of WWI Computer Time Period: 16 May - 22 May 1958	A. R. Curtiss	U	
	6M-5626-8	2 Jun 58	Reliability Analysis of WWI Computer Time Period: 23 May - 29 May 1958	A. R. Curtiss	U	
	6M-5626-9	6 Jun 58	Reliability Analysis of WWI Computer Time Period: 30 May - 5 June 1958	A. R. Curtiss	U	
	6M-5626-10	13 Jun 58	Reliability Analysis of WWI Computer Time Period: 6 June - 13 June 1958	A. R. Curtiss	U	
	6M-5626-11	20 Jun 58	Reliability Analysis of WWI Computer Time Period: 13 June - 19 June 1958	A. R. Curtiss	U	
	6M-5626-12	27 Jun 58	Reliability Analysis of WWI Computer Time Period: 20 June - 26 June 1958	A. R. Curtiss	U	
	6M-5796	7 Jul 58	Reliability Analysis of WWI Computer Time Period: 27 June - 3 July 1958	A. R. Curtiss	U	
	6D-958	9 Jul 58	Selected Switch to Push Button Control Panel	C. F. Brackett	U	
	6D-959	14 Jul 58	Proposed IBM Card Machine Installation at WWI	C. F. Brackett	U	
	6M-5976-1	11 Jul 58	Reliability Analysis of WWI Computer Time Period: 4 July - 10 July 1958	A. R. Curtiss		
	6M-5976-2	18 Jul 58	Reliability Analysis of WWI Computer Time Period: 11 July - 17 July 1958	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-5976-3	25 Jul 58	Reliability Analysis of WWI Computer Time Period: 18 July - 24 July 1958	A. R. Curtiss	U	
	6M-5976-4	1 Aug 58	Reliability Analysis of WWI Computer Time Period: 25 July - 31 July 1958	A. R. Curtiss	U	
	6M-5976-5	8 Aug 58	Reliability Analysis of WWI Computer Time Period: 1 August - 7 August 1958	A. R. Curtiss	U	
	6M-5976-6	15 Aug 58	Reliability Analysis of WWI Computer Time Period: 8 August - 14 August 1958	A. R. Curtiss	U	
	6M-5976-7	22 Aug 58	Reliability Analysis of WWI Computer Time Period: 15 August - 21 August 1958	A. R. Curtiss	U	
	6M-5976-8	29 Aug 58	Reliability Analysis of WWI Computer Time Period: 22 August - 28 August 1958	A. R. Curtiss	U	
	6M-5976-9	5 Sep 58	Reliability Analysis of WWI Computer Time Period: 29 August - 4 September 1958	A. R. Curtiss	U	
	6M-5976-10	12 Sep 58	Reliability Analysis of WWI Computer Time Period: 5 September - 11 September 1958	A. R. Curtiss	U	
	6M-5976-11	19 Sep 58	Reliability Analysis of WWI Computer Time Period: 12 September - 18 September 1958	A. R. Curtiss	U	
	6M-5976-12	26 Sep 58	Reliability Analysis of WWI Computer Time Period: 19 September - 25 Sept. 1958	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-5907	3 Oct 58	Reliability Analysis of WWI Computer Time Period: 26 September - 2 October 1958	A. R. Curtiss	U	
	6M-5907-1	10 Oct 58	Reliability Analysis of WWI Computer Time Period: 3 October - 9 October 1958	A. R. Curtiss	U	
	6M-5907-2	17 Oct 58	Reliability Analysis of WII Computer Time Period: 10 October - 16 October 1958	A. R. Curtiss	U	
	6M-5907-3	24 Oct 58	Reliability Analysis of WWI Computer Time Period: 17 October - 23 October 1958	A. R. Curtiss	U	
	6M-5907-4	31 Oct 58	Reliability Analysis of WWI Computer Time Period: 24 October - 30 October 1958	A. R. Curtiss	U	
	6M-5907-5	7 Nov 58	Reliability Analysis of WWI Computer Time Period: 31 October - 6 November 1958	A. R. Curtiss	U	
	6M-5907-6	14 Nov 58	Reliability Analysis of WWI Computer Time Period: 7 November - 13 November 1958	A. R. Curtiss	U	
	6M-5907-7	21 Nov 58	Reliability Analysis of WWI Computer Time Period: 14 November - 20 November 1958	A. R. Curtiss	U	
	6M-5907-8	28 Nov 58	Reliability Analysis of WWI Computer Time Period: 21 November - 27 November 1958	A. R. Curtiss	U	

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REPORTS AND CORRESPONDENCE	6M-5907-9	5 Dec 58	Reliability Analysis of WWI Computer Time Period: 28 November - 4 December 1958	A. R. Curtiss	U	
	6M-5907-10	12 Dec 58	Reliability Analysis of WWI Computer Time Period: 5 December - 11 December 1958	A. R. Curtiss	U	
	6M-5907-11	19 Dec 58	Reliability Analysis of WWI Computer Time Period: 12 December - 18 December 1958	A. R. Curtiss	U	
	6M-5907-12	2 Jan 59	Reliability Analysis of WWI Computer Time Period: 19 December 1958 - 1 January 1959	A. R. Curtiss	U	