MEMORY TEST COMPUTER (MTC)

ARCHIVES COLLECTION #23

Memory Test Computer (MTC) Lincoln Laboratory Division VI

Archives Collection No. 23

Donor: Division VI Document Room Restriction: MITRE Personnel

Contract: AF 19(122)-458

Collection Dates: July 1952 - March 1958

Initially referred to as the WWI½ and later as the WWIA, the Memory Test Computer (MTC) was a prototype of the WWII¹ air defense computer. Designed and constructed in 1952 by Lincoln Laboratory's Group 62 and Group 63, MTC was built to test new computer elements. It was first used to test the practicability of a coincident-current magnetic memory.

The Memory Test Computer was a parallel computer with a word length of 16 binary digits. MTC had the same general characteristics of Whirlwind I.² The computer had its first run in March 1953 and the MTC memory was installed and operational by the end of May.

The first application of MTC as a computer was to estimate the probable time necessary to transmit a group of messages from ground to aircraft over the G.E. data-link system.³ The Memory Test Computer was also used to test equipment for the Experimental SAGE Subsector, and to produce known data to test GFL, LRI and LRI monitor circuits before it was connected with XD-1.

MTC was shut down permanently on 21 March 1958 after all data processing activities had been transferred to the IBM-704.

AC #23 contains 172 items and is arranged in chronological order.

The contents of this collection are Unclassified.

^{1.} Archives Collection No. 18 - "Air Defense Computer Program"

^{2.} Archives Collection No. 6 - "Whirlwind I Computer"

^{3.} Archives Collection No. 15 - "1953 Cape Cod System"

Archives Collection No. 16 - "1954 Cape Cod System"

TABLE OF CONTENTS

| | PAGE NO. | BOX NO. | | PAGE NO. | BOX NO. |
|-----------|----------|-------------|-----------|----------|---------|
| 1952: | | | 1956: | | |
| July | . 1 | 1 | January | . 6 | 2 |
| August | | 1 | February | | 2 |
| September | | 1 | March | | 2 |
| December | | 1 | June | 7 | 2 |
| | • | | July | • • | 2 |
| 1953: | | | September | 7 | 2 |
| January | . 2 | 1 | November | | 2 |
| March | | _ 1 | December | | 2 |
| April | - | ī | | • | _ |
| May | . 2 | ī | | | |
| June | . 3 | ī | | | |
| July | • | ī | | | |
| August | | 1 | | | |
| September | | ī | 1957: | | |
| November | | ī | January | . 9 | 2 |
| | | | February | | 2 |
| 1954: | | | March | | 2 |
| February | . 4 | 1 | April | | 3 |
| March | | 1 | May | | 3 |
| April | . 4 | 1 | June | | 3 |
| May | | 1 | July | . 11 | 3 |
| August | | 1 | August | | 3 |
| October | | 1 | September | | 3 |
| December | | 1 | October | | 3 |
| , | | | November | | 3 |
| 1955: | | | December | | 3 |
| February | • 5 | 1 | | | |
| April | | 1 | | | |
| May | _ | 2 | | | |
| June | _ | 2 | | | |
| July | _ | 2 | 1958: | | |
| August | | 2 | January | . 14 | 3 |
| October | | 2 | February | | 3 |
| November | | 2 | March | | 3 |

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|-------------------|----------------|-----------|---|-----------------------------|------|-------------|
| July 1952 | M-1547 | 7 Jul 52 | Initial Decisions On WWIA Block Diagrams | W.A. Hosier | U | |
| • | M-1550 | 8 Jul 52 | Trip To Magnetics, Inc. June 26, 1952 | D.R. Brown | ប | |
| | M-1566 | 28 Jul 52 | MTC Meeting Of July 25, 1952 | R.R. Everett W.A. Hosier | υ | |
| August 1952 | M-1568 | 4 Aug 52 | Visit To Control Instrument Company And Subsequent Telephone Conversations | D.R. Brown L. Sutro | U | |
| | M-1586 | 8 Aug 52 | Trip To Magnetics, Inc. August 5, 1952 | D.R. Brown | υ | |
| | M-1592 | 12 Aug 52 | MTC Power Supply Meeting Of August 11, 1952 | R. Farmer H. Smead | U | |
| h | M-1601 | 20 Aug 52 | MTC Meeting Of August 15, 1952 | W.A. Hosier | U | |
| | M-1602 | 20 Aug 52 | MTC Meeting Of August 18, 1952 | W.A. Hosier | U | |
| | M-1605 | 20 Aug 52 | MTC Meeting Of August 4, 1952 | W.A. Hosier | U | |
| | M-1611 | 22 Aug 52 | MTC Meeting Of August 22, 1952 | R.R. Everett W.A. Hosier | U | |
| September 1952 | M-1633 | 9 Sep 52 | Trip To Control Instrument Co. August 27, 28, 29, And September 3, 1952 | B.B. Paine | U | |
| | M-1635 | 10 Sep 52 | MTC Meeting Of September 9, 1952 | R.R. Everett W.A. Hosier | U | |
| | M-1650 | 25 Sep 52 | The Effect Of Size Of Metal Cores On Pulse And Hysteresis Measurements | R.F. Jenney | U | |
| December 1952 | E-512 | 4 Dec 52 | A Method For Acceptance Testing Of Fer- rite Core Production Lots | P.K. Baltzer | U | |

AC # 23 : Page 1 of 15

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|--------------|----------------|-----------|---|--------------------------|------|---|
| | M-1774 | 24 Dec 52 | Visit To Burroughs, Philadelphia, On December 18, 1952 | B.B. Paine L.L. Sutro | U | |
| January 1953 | M-1785 | 7 Jan 53 | Testing Of Metallic Cores | A.D. Hughes | U | |
| March 1953 | M-1881 | 4 Mar 53 | Memory Test Computer: Guide To Coding And MTC Operation Code | P.R. Bagley | U | |
| | M-1888 | 6 Mar 53 | Preliminary MTC System Test | H.E. Anderson | U | |
| | E-533 | 10 Mar 53 | Effect Of Current Pulse Duration On The Pulse Response Of MTC Memory Cores | P.K. Baltzer | U | *************************************** |
| | M-1887 | 10 Mar 53 | MTC Accumulator Test | H.E. Anderson | บ | |
| April 1953 | M-1957 | 6 Apr 53 | Procedure For Preparing And Stripping Wires For MTC Memory Planes | E.A. Guditz | U | |
| | M-1881-1 | 8 Apr 53 | Memory Test Computer: Guide To Coding And MTC Operation Code | P.R. Bagley | Ū | |
| | E-540 | 27 Apr 53 | A Fast Core-Tube Register | K.H. Olsen R. Pfaff | υ | |
| | M-2124 | 30 Apr 53 | DC Flip-Flop Tester, MTC | H. Henegar | U | |
| May 1953 | E-542 | 5 May 53 | Timing Diagrams For MTC Control | R.C. Hopkins | U | |
| | M-2131 | 5 May 53 | Memory Test Computer Fuse Alarm System | R. vonBuelow | บ | |
| | M-2133 | 5 May 53 | MTC Tests On Magnetic Memory Automatic Memory Display | H.E. Anderson | U | |
| | M-2134 | 5 May 53 | MTC Tests On Magnetic Memory Load And Check Program For All Ones Or Zeroes | R.J. Pfaff | U | |
| | , | | | | | |

AC * 23 : Page 2 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|-----------|----------------|-----------|---|-------------------------|------|-------------|
| | M-2110 | 8 May 53 | A Linear Selection Magnetic Memory Using An Anti-Coincident Current Switch | K.H. Olsen | U | |
| | M-2136 | 8 May 53 | Memory Test Computer Marginal Checking System | R. vonBuelow | U | |
| | M-2148 | 11 May 53 | Memory Test Computer Start-Stop Panel | R. vonBuelow | U | |
| | M-1987 | 27 May 53 | First Note On Pulse Transformers For Memory Drivers | F. Durgin E.K. Gates | υ | |
| | M-2204 | 29 May 53 | Memory Test Computer Toggle-Switch Storage And Toggle-Switch Storage Switch | J.D. Crane | ט | |
| June 1953 | M-2225 | 10 Jun 53 | The Construction Of Memory Planes For The MTC Memory | E.A. Guditz | U | |
| | M-2240 | 15 Jun 53 | A Magnetic Core Test Storage | K.H. Olsen | U | |
| | M-2219 | 16 Jun 53 | Testing Of Individual Cores In MTC Memory Planes | A.D. Hughes | U | |
| • | M-2254 | 19 Jun 53 | Sensing The Slope Of Magnetic Memory Output | K.H. Olsen | บ | |
| | M-2263 | 25 Jun 53 | MTC Parity Checking System | P.R. Bagley | Ū | |
| | E-548 | 26 Jun 53 | Preliminary Report - Temperature Effects In MTC-Type Ferrite Cores | J.D. Childress | ט | |
| July 1953 | M-1881-2 | 3 Jul 53 | Memory Test Computer: Guide To Coding And MTC Operation Guide | P.R. Bagley | U | |
| | M-2282 | 6 Jul 53 | MTC Bootstrap Type Programs | H.E. Anderson | U | |
| | | | | | | |

AC * _______: Page 3 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|-------------------|----------------------------|-----------------------|---|----------------------------|--------|-------------|
| | M-2310 | 17 Jul 53 | MTC Power Supply Control - Operating Instructions | R.C. Hopkins | U | |
| | M-2316 | 23 Jul 53 | Proposed Sense Winding For A 64 X 64 Memory Plane | W.J. Canty | U | |
| August 1953 | M-2361 | 14 Aug 53 | Four Alternative Proposals For Accomodating The 64 X 64 Memory In MTC | W.A. Hosier | υ | |
| | M-2376 | 26 Aug 53 | Minutes Of Meeting On Charactron Evaluation Program | R. vonBuelow | U | |
| September 1953 | M-2383 | 18 Sep 53 | Testing The Magnetic-Core Memory System In A Computer | B. Widrow | ប | 9.7 |
| • | M-2414 | 18 Sep 53 | Meeting To Decide MTC Memory Selection Scheme, September 16, 1953 | W.A. Hosier P.R. Bagley | U | |
| November 1953 | M-2533 | 24 Nov 53 | Proposed Drum Write Circuit | H. Henegar | U | |
| 1933 | M-2527 | 25 Nov 53 | Memory Test Computer: Programming Man- ual | P.R. Bagley | ប | |
| | M-2527 S1 | 18 Jan 54 | Input And Basic Conversion Programs For The Memory Test Computer | P.R. Bagley | ប | |
| | M-2527 S2 | 18 Jan 54 | Corrigenda For M-2527 | P.R. Bagley | U | |
| February 1954 | M-2527 S3 M-2678 | 25 Feb 54 5 Feb 54 | Second Set of Corrigenda for M-2527 MTC Drawings And Service File | P.R. Bagley L. Sutro | U U | |
| March 1954 | M-2787 | 23 Mar 54 | Memory Test Computer, U-68 Utility And Analysis Program | J.N. Ackley | U | |
| April 1954 | M-25 2 7-1 | 23 Apr 54 | Memory Test Computer: Programming Man- ual | P.R. Bagley | U | |
| | · | | - | | | |

AC * 23 : Page 4 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|-------------------------|-----------------|-----------|---|-----------------------------|----------------|-------------|
| | M-2527-1 C1 | 1 Sep 54 | Memory Test Computer: Programming Man- ual Correction | A. Vanderburgh | บ | |
| | 6M-2527-1 C2 | 24 Sep 54 | Memory Test Computer: Programming Man- ual Correction | P.R. Bagley | U | |
| May 1954 | M-2832 | 25 May 54 | MTC Tube Analysis Records On Z-2177 | A. Zacharias | U | |
| | M-2834 | 26 May 54 | Proposed Memory Address Selection System | D. Shansky | U | |
| | M-2840 | 28 May 54 | Test Results On The DCL Memory Plane | E.A. Guditz | U | |
| August 1954 | M-2969 | 6 Aug 54 | Tentative Cathode Estimates For 256 ² X 33 And 128 ² X 33 | W.J. Canty J.L. Mitchell | U | |
| , | M-3005 | 27 Aug 54 | Bondeze Magnetic Wire For Memory-Plane Construction | A. Bowen E.A. Guditz | U | |
| October 1954 | 6M-3097 | 11 Oct 54 | Description Of Memory Test Setup VI | E.A. Guditz | ט | |
| | 6M-3107 | 21 Oct 54 | High-Speed Core Driver | S. Bradspies | ט | |
| December 1954 | 6M-3004 | 14 Dec 54 | MTC Technician Training Manual - Chapter I | A. Vanderburgh | ט - | |
| | 6M-3004 C1 | 15 Mar 55 | MTC Technician Training Manual - Chapter I | A. Vanderburgh | υ | |
| February 1955 | 6M-3364 | 8 Feb 55 | MTC Technician Training Manual - Chapter II | A. Vanderburgh | υ | |
| | 6M-3390 | 21 Feb 55 | Memory-Plane Margins: DCL-2-720 Cores Vs. S-1 Cores | J.L. Mitchell | U _n | |
| Ap r il 1955 | 6M-3509 | 20 Apr 55 | MTC Technician Training Manual - Chapter III | A. Vanderburgh | u | |
| | | | | | _ [| |

AC * 23 : Page 5 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|------------------|---------------------------|-----------|---|----------------------------|------|-------------|
| May 1955 | 6M-2527 - 2 | 9 May 55 | Memory Test Computer Programming Reference Manual | P.R. Bagley | ŭ | |
| | 6M-2527-2, C#1 | 24 Jun 55 | MTC Programming Manual Corrections | P.R. Bagley | U | |
| | 6M-2527-2 , C#2 | 24 Feb 56 | MTC Changes And Additions Affecting Programmers | A.D. Hughes | υ | |
| | 6M-2527-2 , C#3 | 29 Jul 57 | MTC Changes And Additions Affecting Programmers | A.D. Hughes | U | |
| | 6M-3896 | 25 May 55 | MTC Analysis Program | R.W. Sittler | ប | |
| June 1955 | 6M-3497 | 22 Jun 55 | MTC Subroutine Library | H.D. Neumann W.F. Holst | ט | |
| July 1955 | 6M-3759 | 18 Jul 55 | Programmed Crosstell Data Link Test, G-95 | S.B. Ginsburg | U | |
| | 6M-3759; Addendum 1 | 26 Jul 55 | Programmed Crosstell Data Link Test, G-95 | S.B. Ginsburg | U | |
| August 1955 | 6M-3854 | 25 Aug 55 | High Speed Punch; Trip To Soroban | A.D. Hughes | U | |
| October 1955 | 6M - 3959 | 26 Oct 55 | Field Transfer And Exchange Programs | D.L. Richards | ט | |
| November 1955 | 6M-3974 | 4 Nov 55 | Proposed MTC In-Out Block Transfer In- struction | B.G. Farley | U | |
| | 6M-3999 | 18 Nov 55 | MTC Deflection Amplifiers | J.I. Woolf | U | |
| January 1956 | 6M-3834 | 27 Jan 56 | MTC Utility Programs | A. Vanderburgh | ט | |
| February 1956 | 6M-4117 | 3 Feb 56 | Display Group Equipment In MTC | J. Woolf | υ | |

AC # 23 : Page 6 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|-------------------|----------------|-----------|---|--------------------------------|------|-------------|
| March 1956 | 6M-4109 | 2 Mar 56 | High Speed Flip-Flop (MTC Mod. IV) | N.J. Ockene | บ | |
| June 1956 | 6M-4384 | 29 Jun 56 | Memory Test Computer - Program For Gen- erating Test Pattern Tables | M.O. Fichter - (BTL) | U | |
| July 1956 | 6M-4391 | 9 Jul 56 | Memory Test Computer - Program For Punching Cards For Test Pattern Tables | M.O. Fichter - (BTL) | U | |
| | 6M-4392 | 9 Jul 56 | Memory Test Computer - Program For Print-Out Of Test Pattern Tables Via Punched Cards | M.O. Fichter - (BTL) | ប | |
| | 6M-4394 | 9 Jul 56 | Proposed Visual Utility Equipment For MTC | R.P. Mayer | ប | |
| | 6M-4393 | 10 Jul 56 | Memory Test Computer - Program For Manipulation Of Test Pattern Tables | M.O. Fichter - (BTL) | บ | |
| | 6M-4400 | 16 Jul 56 | Memory Test Computer - Program For Read- In Of Binary Cards | M.O. Fichter - (BTL) | Ū | |
| | 6M-4401 | 16 Jul 56 | Memory Test Computer - Program For Punching Binary Cards | M.O. Fichter (BTL) | U | |
| | 6M-4403 | 17 Jul 56 | MTC Symbolic Floating Address Assembler Program | R.E. Olsen (Rand) M.M. Long | U | |
| | 6M-4403 S#1 | 20 Sep 56 | Modification Of Symbolic Assembly Program | J.D. Keene | ប | |
| | 6M-4416 | 27 Jul 56 | MTC Purchase Of A Closed-Circuit TV System | H.L. Ziegler | υ | |
| September 1956 | 6M-4711 | 24 Sep 56 | Memory Test Computer - Program For Hollerith Card Octal Punchout Of Program Listings | M.O. Fichter (BTL) | U | |

AC * 23 : Page 7 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|------------------|-------------------|-----------|---|------------------|------|-------------|
| November 1956 | 6M-4764 | 5 Nov 56 | Results Of Investigations To Improve Reliability Of The MTC Tape System | T.C. Stockebrand | U | |
| | 6M-4770 | 5 Nov 56 | Reliability Analysis Of MTC Computer Time Reriod: 26 October To 1 November | R.B. Pugliese | ប | |
| | 6M-4770 #1 | 13 Nov 56 | Reliability Analysis Of MTC Computer Time Period: 2 November To 8 November 1956 | R.B. Pugliese | U | |
| | 6M-4770 #2 | 16 Nov 56 | Reliability Analysis Of MTC Computer Time Period: 9 November To 15 November 1956 | R.B. Pugliese | U | |
| | 6M-4770 #3 | 23 Nov 56 | Reliability Analysis Of MTC Computer Time Period: 16 November To 22 November | R.B. Pugliese | U | |
| | 6M-4770 #4 | 30 Nov 56 | Reliability Analysis Of MTC Computer Time Period: 23 November To 29 November 1956 | R.B. Pugliese | ט | |
| December 1956 | 6M-4770 #5 | 7 Dec 56 | Reliability Analysis Of MTC Computer Time Period: 30 November To 6 December 1956 | R.B. Pugliese | U | |
| | 6M-4770 #6 | 14 Dec 56 | Reliability Analysis Of MTC Computer Time Period: 7 December To 13 December 1956 | R.B. Pugliese | υ | |
| | 6M-4770 #7 | 21 Dec 56 | Reliability Analysis Of MTC Computer Time Period: 14 December - 20 December 1956 | R.B. Pugliese | U | |
| | 6M-4770 #7 C#1 | 27 Dec 56 | Reliability Analysis Of MTC Computer Time Period: 14 December - 20 December 1956 | R.B. Pugliese | U | |

AC * 23 : Page 8 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|---------------|--------------------|-----------|---|---------------|------|-------------|
| | 6M-4770 #8 | 28 Dec 56 | Reliability Analysis Of MTC Computer Time Period: 21 December - 27 December 1956 | R.B. Pugliese | ט | |
| January 1957 | 6M-4841 | 4 Jan 57 | Reliability Analysis Of MTC Computer Time Period: 24 December 1956 - 3 January 1957 | R.B. Pugliese | ט | |
| | 6M-4841 #1 | 11 Jan 57 | Reliability Analysis Of MTC Computer Time Period: 4 January - 10 January 1957 | R.B. Pugliese | U | |
| | 6M-4841 #2 | 18 Jan 57 | Reliability Analysis Of MTC Computer Time Period: 11 January - 17 January 1957 | R.B. Pugliese | U | |
| | 6M-4841 # 3 | 25 Jan 57 | Reliability Analysis Of MTC Computer Time Period: 18 January To 24 January 1957 | R.B. Pugliese | U | |
| | 6M-4841 #4 | 31 Jan 57 | Reliability Analysis Of MTC Computer Time Period: 25 January To 31 January 1957 | R.B. Pugliese | υ | |
| February 1957 | 6M-4841 # 5 | 8 Feb 57 | Reliability Analysis Of MTC Computer Time Period: 1 February To 7 February 1957 | R.B. Pugliese | U | |
| | 6M-4841 #6 | 15 Feb 57 | Reliability Analysis Of MTC Computer Time Period: 8 February To 14 February 1957 | R.B. Pugliese | ט | |
| 6M-491 | 6M-4916 | 21 Feb 57 | Use Of The Polaroid Land Camera On The MTC Display Scope | J.D. Keene | ប | |
| | 6M-4841 #7 | 25 Feb 57 | Reliability Analysis Of MTC Computer Time Period: 15 February To 21 February 1957 | R.B. Pugliese | U | |

AC * 23 : Page 9 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|------------|----------------|-----------|---|---------------|------|-------------|
| March 1957 | 6M-4841 #8 | 1 Mar 57 | Reliability Analysis Of MTC Computer Time Period: 22 February To 28 February 1957 | R.B. Pugliese | U | |
| | 6M-4841 #9 | 8 Mar 57 | Reliability Analysis Of MTC Computer Time Period: 1 March - 7 March 1957 | R.B. Pugliese | U | |
| | 6M-4841 #10 | 15 Mar 57 | Reliability Analysis Of MTC Computer Time Period: 8 March - 14 March 1957 | R.B. Pugliese | U | |
| | 6M-4841 #11 | 22 Mar 57 | Reliability Analysis Of MTC Computer Time Period: 15 March - 21 March 1957 | R.B. Pugliese | บ | |
| | 6M-4841 #12 | 29 Mar 57 | Reliability Analysis Of MTC Computer Time Period: 22 March - 28 March 1957 | R.B. Pugliese | ט | |
| April 1957 | 6M-4977 | 5 Apr 57 | Reliability Analysis Of MTC Computer Time Period: 29 March To 4 April 1957 | R.B. Pugliese | U | |
| | 6M-4977 #1 | 12 Apr 57 | Reliability: Analysis Of MTC Computer Time Period: 5 April To 11 April 1957 | R.B. Pugliese | U | |
| | 6M-4977 #2 | 22 Apr 57 | Reliability Analysis Of MTC Computer Time Period: 12 April - 18 April 1957 | R.B. Pugliese | U | |
| | 6M-4977 #3 | 26 Apr 57 | Reliability Analysis Of MTC Computer Time Period: 19 April - 25 April 1957 | R.B. Pugliese | U | |
| May 1957 | 6M-4977 #4 | 3 May 57 | Reliability Analysis Of MTC Computer Time Period: 26 April - 2 May 1957 | R.B. Pugliese | ט | |
| | 6M-4977 #5 | 10 May 57 | Reliability Analysis Of MTC Computer Time Period: 3 May - 9 May 1957 | R.B. Pugliese | ט | |
| | 6M-4977 #6 | 17 May 57 | Reliability Analysis Of MTC Computer Time Period: 10 May - 17 May 1957 | R.B. Pugliese | υ | |

AC * _23: Page 10 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COP |
|------------|----------------|-----------|--|---------------|------|-----|
| | 6M-4977 #7 | 24 May 57 | Reliability Analysis Of MTC Computer Time Period: 17 May - 23 May 1957 | R.B. Pugliese | U | |
| | 6M-4977 #8 | 31 May 57 | Reliability Analysis Of MTC Computer Time Period: 24 May - 30 May 1957 | R.B. Pugliese | ប | |
| June 1957 | 6M-4977 #9 | 7 Jun 57 | Reliability Analysis Of MTC Computer Time Period: 31 May - 6 June 1957 | R.B. Pugliese | บ | |
| | 6M-4977 #10 | 14 Jun 57 | Reliability Analysis Of MTC Computer Time Period: 7 June To 13 June 1957 | R.B. Pugliese | ט | |
| | 6M-4977 #11 | 24 Jun 57 | Reliability Analysis Of MTC Computer Time Period: 14 June - 20 June 1957 | R.B. Pugliese | ט | |
| | 6M-4977 #12 | 28 Jun 57 | Reliability Analysis Of MTC Computer Time Period: 21 June To 27 June 1957 | R.B. Pugliese | υ | |
| July 1957 | 6M-4457 | 8 Jul 57 | Reliability Analysis Of MTC Computer Time Period: 28 June To 4 July 1957 | R.B. Pugliese | U | |
| | 6M-4457 #1 | 12 Jul 57 | Reliability Analysis Of MTC Computer Time Period: 5 July To 11 July 1957 | R.B. Pugliese | U | |
| | 6M-4457 #2 | 19 Jul 57 | Reliability Analysis Of MTC Computer Time Period: 12 July To 18 July 1957 | R.B. Pugliese | ט | |
| | 6M-4457 #3 | 26 Jul 57 | Reliability Analysis Of MTC Computer Time Period: 19 July To 25 July 1957 | R.B. Pugliese | υ | |
| ugust 1957 | 6M-4457 #4 | 2 Aug 57 | Reliability Analysis Of MTC Computer Time Period: 26 July - 1 August 1957 | R.B. Pugliese | ט | |
| | 6M-4457 #5 | 9 Aug 57 | Reliability Analysis Of MTC Computer Time Period: 2 August To 8 August 1957 | R.B. Pugliese | U | |

AC # 23 : Page 11 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|-------------------|----------------|-----------|--|---------------|------|-------------|
| | 6M-4457 #6 | 19 Aug 57 | Reliability Analysis Of MTC Computer Time Period: 9 August To 15 August 1957 | R.B. Pugliese | U | |
| | 6M-4457 #7 | 23 Aug 57 | Reliability Analysis Of MTC Computer Time Period: 16 August To 22 August 1957 | R.B. Pugliese | U | |
| September 1957 | 6M-4457 #8 | 4 Sep 57 | Reliability Analysis Of MTC Computer Time Period: 23 August To 29 August 1957 | R.B. Pugliese | U | |
| | 6M-4457 #9 | 9 Sep 57 | Reliability Analysis Of MTC Computer Time Period: 30 August To 5 September 1957 | D.S. Duncklee | U | |
| , | 6M-4457 #10 | 16 Sep 57 | Reliability Analysis Of MTC Computer Time Period: 6 September To 12 September 1957 | D.S. Duncklee | U | |
| | 6M-4457 #11 | 20 Sep 57 | Reliability Analysis Of MTC Computer Time Period: 13 September To 19 September 1957 | R.B. Pugliese | U | |
| | 6M-4457 #12 | 30 Sep 57 | Reliability Analysis Of MTC Computer Time Period: 20 September To 26 September 1957 | D.S. Duncklee | U | |
| October 1957 | 6M-5249 | 7 Oct 57 | Reliability Analysis Of MTC Computer Time Period: 27 September To 3 October 1957 | D.S. Duncklee | U | |
| | 6M-5249 #1 | 11 Oct 57 | Reliability Analysis Of MTC Computer Time Period: 4 October To 10 October 1957 | D.S. Duncklee | ט | |
| | 6M-5249 #2 | 21 Oct 57 | Reliability Analysis Of MTC Computer Time Period: 11 October To 17 October 1957 | D.S. Duncklee | U | |

AC # 23 : Page 12 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|------------------|----------------|-----------|---|---------------|------|-------------|
| | 6M-5249 #3 | 25 Oct 57 | Reliability Analysis Of MTC Computer Time Period: 18 October To 24 October 1957 | D.S. Duncklee | U | |
| November 1957 | 6M-5249 #4 | 1 Nov 57 | Reliability Analysis Of MTC Computer Time Period: 25 October To 31 October 1957 | A.D. Hughes | U | |
| | 6M-5249 #5 | 8 Nov 57 | Reliability Analysis Of MTC Computer Time Period: 1 November To 7 November 1957 | D.S. Duncklee | ប | |
| , | 6M-5249 #6 | 15 Nov 57 | Reliability Analysis Of MTC Computer Time Period: 8 November To 14 November 1957 | D.S. Duncklee | U | |
| | 6M-5249 #7 | 25 Nov 57 | Reliability Analysis Of MTC Computer Time Period: 15 November To 21 November 1957 | D.S. Duncklee | ט | |
| December 1957 | 6M-5249 #8 | 2 Dec 57 | Reliability Analysis Of MTC Computer Time Period: 22 November To 28 November 1957 | D.S. Duncklee | ប | |
| | 6M-5249 #9 | 6 Dec 57 | Reliability Analysis Of MTC Computer Time Period: 29 November To 5 December 1957 | D.S. Duncklee | บ | |
| | 6M-5249 #10 | 13 Dec 57 | Reliability Analysis Of MTC Computer Time Period: 6 December To 12 December 1957 | D.S. Duncklee | ט | ; |
| | 6M-5249 #11 | 23 Dec 57 | Reliability Analysis Of MTC Computer Time Period: 13 December To 19 Decem- ber 1957 | D.S. Duncklee | ט | |
| · | | | | | | |

AC * _23__: Page 13 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|---------------|--------------------------|-----------|--|---------------|------|-------------|
| · | 6M-5249 #12 | 27 Dec 57 | Reliability Analysis Of MTC Computer Time Period: 20 December To 26 December 1957 | D.S. Duncklee | U | |
| January 1958 | 6M-5450 | 7 Jan 58 | Reliability Analysis Of MTC Computer Time Period: 27 December 1957 To 2 Jan- uary 1958 | D.S. Duncklee | ប | |
| | 6M-5450 #1 | 13 Jan 58 | Reliability Analysis Of MTC Computer Time Period: 3 January To 9 January 1958 | D.S. Duncklee | ឋ | |
| | 6M-5450 #2 | 20 Jan 58 | Reliability Analysis Of MTC Computer Time Period: 10 January To 16 January 1958 | D.S. Duncklee | ŭ | |
| | 6M-5450 #3 | 27 Jan 58 | Reliability Analysis Of MTC Computer Time Period: 17 January To 23 January 1958 | D.S. Duncklee | ប | |
| | 6 M- 548 4 | 27 Jan 58 | Use Of New 523 Card Machines On MTC | A.D. Hughes | ប | |
| February 1958 | 6M-5450 #4 | 3 Feb 58 | Reliability Analysis Of MTC Computer Time Period: 24 January To 30 January 1958 | D.S. Duncklee | ប | |
| | 6M-5450 #5 | 10 Feb 58 | Reliability Analysis Of MTC Computer Time Period: 31 January To 6 February 1958 | D.S. Duncklee | U | |
| | 6M-5450 #6 | 18 Feb 58 | Reliability Analysis Of MTC Computer Time Period: 7 February To 13 February 1958 | D.S. Duncklee | ប | |
| | 6M-5450 #7 | 24 Feb 58 | Reliability Analysis Of MTC Computer Time Period: 14 February To 20 February 1958 | D.S. Duncklee | ប | |

AC # _23 _: Page 14 of

| SUBJECT | IDENTIFICATION | DATE | TITLE | AUTHOR | CLS. | COPY NO. |
|------------|----------------|-----------|---|---------------|------|-------------|
| March 1958 | 6M-5450 #8 | 3 Mar 58 | Reliability Analysis Of MTC Computer Time Period: 21 February To 27 February 1958 | D.S. Duncklee | U | |
| | Memo | 4 Mar 58 | MTC Shutdown | N.L. Daggett | ប | |
| | 6M-5450 #9 | 10 Mar 58 | Reliability Analysis Of MTC Computer Time Period: 28 February To 6 March 1958 | D.S. Duncklee | ប | |
| | 6M-5450 #10 | 18 Mar 58 | Reliability Analysis Of MTC Computer Time Period: 7 March To 13 March 1958 | D.S. Duncklee | U | |
| | 6M-5450 #11 | 28 Mar 58 | Reliability Analysis Of MTC Computer Time Period: 14 March To 21 March 1958 | D.S. Duncklee | υ | |
| , | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | · | | | | | |

AC # 23 : Page 15 of 15