AD-A074 714 ARMY COMMUNICATIONS-ELECTRONCS ENGINEERING INSTALLATI--ETC F/G 17/2
TEST REPORT. HEIDELBERG AMME-E ACCEPTANCE TEST (CONTRACT GS-00C--ETC(U)
JUL 79
UNCLASSIFIED CCC-TED-79-TR-050 NL

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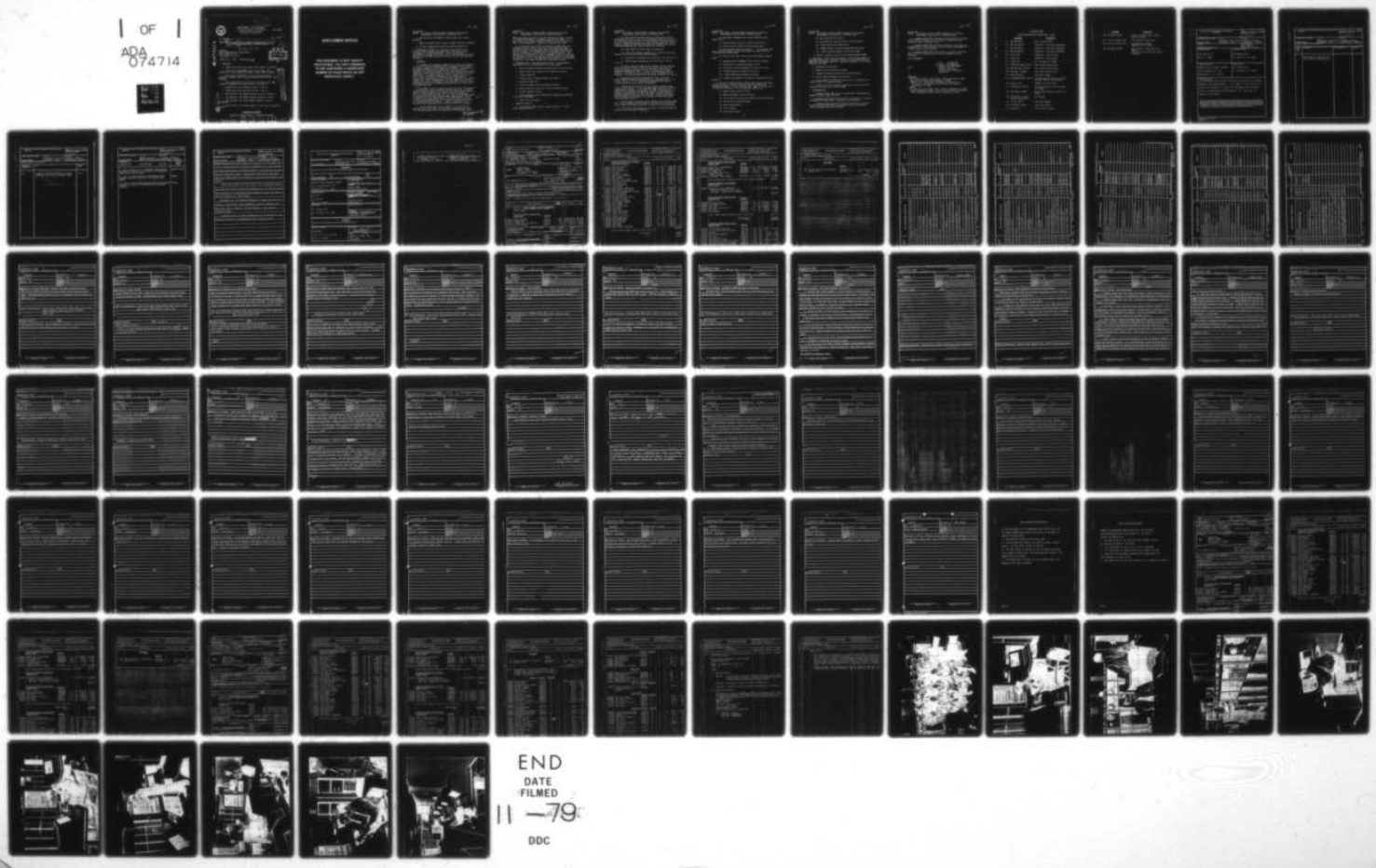

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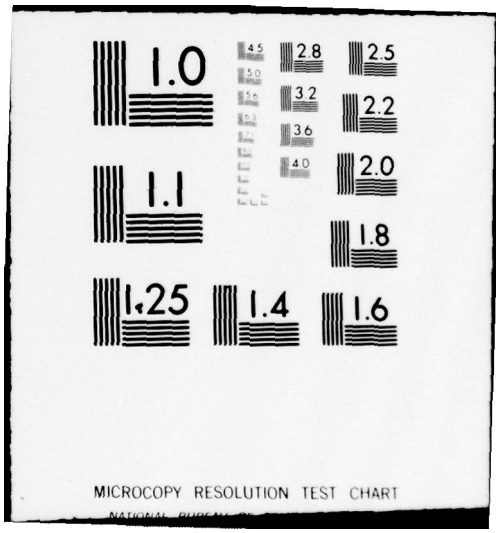
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MICROCOPY RESOLUTION TEST CHART

LEVEL II

DEPARTMENT OF THE ARMY
U.S. ARMY COMMUNICATIONS-ELECTRONICS
ENGINEERING INSTALLATION AGENCY
FORT HUACHUCA, ARIZONA 85613

WPE-3155ND

JUL 1 1 1979

CCC-TED-TSRC

SUBJECT: Test Report, Heidelberg AMME-E Acceptance Test (Contract GS-00C-00058), Publication No. CCC-TED-79-TR-050

11 11 Jul 79

Commander
US Army Communications Systems Agency
ATTN: CCM-TT-(H)-TA
Fort Huachuca, AZ 85613

12 86 14 CCC-TED-79-TR-050

DDC
RELEASED
OCT 5 1979
A

AD A074714

1. REFERENCES:

a. Communications-Electronics Mission Order (CEMO), B-70-FUS-009.

b. GSA Contract GS-00C-00058, 6 Apr 73, with Sperry Univac Corporation for the Automated Multi-Media Exchange (AMME) Equipment.

c. GSA Contract GS-00C-50167, 22 Aug 75, with Astronautics Corporation of America (ACA) for Modular AUTODIN Remote Terminal (MART) Equipment.

d. Basic Implementation and Installation Plan (Basic IIP), AMME, Automated Telecommunications Center (ATCC), revised Nov 75.

e. USACEEIA Publication ACCC-TED-74-TR-121, 27 Mar 74.

f. USACEEIA Publication ACCC-TED-74-TR-146, 27 Sep 74.

g. DCAC 370-D175-1, DCS AUTODIN Interface and Control Criteria.

h. DCAC 370-D195-1, DCS AUTODIN Interface Category I Testing.

i. DCAC 370-D195-2, DCS AUTODIN TEMPEST Category II Testing Requirements.

j. DCAC 370-D195-3, DCS AUTODIN Category III Operation and Acceptance Testing.

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JUL 1 1 1979

CCC-TED-TSRC
SUBJECT: Test Report, Heidelberg AMME-E Acceptance Test (Contract GS-00C-00058), Publication No. CCC-TED-79-TR-050

k. DCAC 310-D-70-30, DCS AUTODIN Switching Center and Tributary Operations.

l. JANAP 128 Automatic Digital Network (AUTODIN) Operating Procedures.

m. AR 105-31, Communications-Electronics Message Preparation.

2. STATEMENT OF THE TASK: This report delineates results of the Heidelberg AMME-E Acceptance Test conducted in accordance with the requirements of Contract GS-00C-00058. Testing was conducted in accordance with procedures contained in the US Army Automated Multi-Media Exchange Test Plan, CDRL Item No. (S) 30 and 32, Aug 76, with applicable revisions.

3. BACKGROUND:

a. The AMME Level Automated Telecommunications Center (ATCC) project is a portion of the Army Telecommunications Automation Program (ATCAP) developed by Commander, US Army Communications Command. The Commander, US Army Communications-Electronics Engineering Installation Agency (USACEEIA), was tasked by Commander, US Army Communications Systems Agency (USACSA) to provide technical and test support for implementation of the AMME project. The contract required Univac to engineer, furnish, and install (EF&I) an automated telecommunications system capable of processing and accounting for narrative and data record traffic at several command sites. After implementation of the fifth AMME site at Bailey's Crossroads in Virginia, Telecommunications Automation Directorate (TAD) of USACEEIA assumed software maintenance responsibilities for existing and future AMME locations.

b. The AMME-E is used as a store and forward switching system capable of interfacing more than one AUTODIN switching center (ASC). The AMME system provides the capability of operating with Interim Remote Terminals (IRT's), Standard Remote Terminals (SRT's) and Mode I terminals in addition to over-the-counter (OTC) services. The Heidelberg AMME-E system is configured with two interchangeable UNIVAC 9400 processors and the DCT-9000 for on-line peripheral control. One 9400 processor provides on-line message processing where as the second processor may be used for off-line job processing operations. In case of a processor failure peripherials and interfaces may be switched to the off-line processor.

c. A Modular AMME Remote Terminal (MART) is co-located with the Heidelberg area Phase I AMME level Automated Telecommunications Center. This provides the capability to introduce DD Form 173 messages into the

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AMME system through the use of an Optical Scanning Unit (OSU). In Phase II, the Heidelberg AMME will accommodate seven additional MART's to provide narrative and data services to customers within 50 miles of the AMME. The co-located MART is addressed in a separate test report.

d. A Patch Test Facility (PTF) is installed at Campbell Barracks, Heidelberg, Germany, consisting of distribution frames, patch bays, installation and filter bays, COMSEC bays, miscellaneous equipment bays, and test equipment. The hardware test of the Heidelberg patch and test facility was conducted in accordance with an approved test plan. The hardware test verified that all items of equipment required for operating the transmission facility were properly installed and the site requirement was satisfied. The PTF is used for monitoring and test of interconnecting transmission lines between the AMME, ASC's and remote terminals.

4. RESPONSIBILITIES: Government Responsibilities. The Government is responsible for the following aspects of the test program:

a. Review and approve the Vendor-submitted test plan and revisions.

b. Appoint system test directors and assistants as required.

c. Conduct system test.

d. Evaluate system's hardware/software test results.

e. Perform QA inspections.

f. Evaluate system during 30 day operational period.

g. Report system test results and initiate acceptance actions.

h. Evaluate operator training.

i. Conduct additional tests as necessary to demonstrate compliance for specific requirements.

j. Submit final test report.

5. SUMMARY OF RESULTS:

a. The Heidelberg AMME requires a two-phase cutover. This test report addresses Phase 1.

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SUBJECT: Test Report, Heidelberg AMME-E Acceptance Test (Contract GS-00C-00058), Publication No. CCC-TED-79-TR-050

b. The system audit and hardware test was conducted 22-27 Feb 79. Discrepancies as listed in Incl 1 were recorded and turned over to Univac for corrective action on 27 Feb 79. Univac agreed to provide corrective action for these discrepancies prior to start of the system test. Several hardware discrepancies remained outstanding after completing the T&A and 30 day performance periods. They are identified as follows:

(1) U-200 TEMPEST certified scopes not operational.

(2) There are no hardware diagnostics for testing the Data Line Terminal (DLT) interface with the U-9400 processors.

(3) System audit discrepancies are identified in the TAR (Incl 2).

(4) System hardware discrepancies are identified in the TAR (Incl 2).

c. The Phase 1 Heidelberg AMME system acceptance test was conducted during the period of 24 Mar - 8 Apr 79. Test results identified the system as contractually compliant, except as noted on the Technical Acceptance Recommendation (TAR). On 9 Apr 79, the Heidelberg AMME was cutover for live operation and the system's 30-day performance period commenced. The 30-day performance was contractually completed on 8 May 79.

d. The Technical Acceptance Recommendation (TAR), Inclosure 2, contains AMME discrepancies recorded during the acceptance process. The TAR also contains a list of outstanding discrepancies which require corrective action by Univac and/or the Government.

e. System testing was halted on 27 Mar 79 due to constant system failures. On 27 Mar 79, a Univac, Government meeting was held to discuss system hardware problems. It was agreed that AMME testing should be delayed until the hardware problems were corrected. System malfunctions included: High speed printer, paper tape reader, interface problems between processor A and B, and the Univac 9300. The test team assisted Univac personnel with debugging of the previously identified problems. Testing resumed 28 Mar 79.

f. Eleven software discrepancies were recorded at the Heidelberg AMME TCC. These discrepancies were assigned to the Government for corrective action. Refer to the TAR (Inclosure 2) for details of the discrepancies.

g. The following requirements were called-out for Heidelberg AMME and verified by the test team for compliance:

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(1) Dual-home to Croughton and Pirmasens AUTODIN switching centers (ASC).

(2) Over-the-counter (OTC) card read/print capabilities.

(3) Optical scan unit (OSU) for DD 173 message input.

(4) Read and punch paper tape subsystem - 7/8 inch paper tape only. (Hardware adaptors for 11/16 inch paper tape capabilities not delivered by Univac during T&A).

(5) Nine (9) track tape (send and receive 800/1600 bpi magnetic tapes).

(6) Automated traffic management (TFM) display of messages.

(7) Distribution of unroutable messages via TFM.

(8) Termination of service messages at the service printer.

(9) Automated routing of "personal for" to TFM.

(10) Standard AMME message processing features.

(11) Automatic assignment of TRC codes on originated DD Form 173 messages.

h. Additional software/hardware problems occurred during the 30-day performance period. Corrective action was taken by USACEEIA and contractor personnel to resolve these problems. Refer to the TAR, Incl 2, for detailed information. These problems were identified as:

(1) Magnetic tape controller failure.

(2) Paper tape reader transmit and receive.

(3) Erratic failures of retrieve routines from the TFM positions.

(4) Invalid TRC on outgoing messages.

(5) Unknown system aborts.

(6) DLT-70 lockups.

(7) Univac 9000 failures.

(8) Over-the-counter (OTC) active.

(9) Servos 290, 291, and 294 failed to function properly.

(10) Visual display units CCVB and CCVF.

(11) Embedded control characters between AMME and the SRT.

(12) Timeout conditions between the SRT and the AMME.

i. Inclosure 3 contains pictures of the Heidelberg AMME and MART.

6. CONCLUSIONS: Formal test and acceptance of the Heidelberg AMME-E was conducted during 24 Apr - 8 May 79. The test results revealed that the AMME-E met requirements identified in applicable documents. The following exceptions are noted:

a. System Audit discrepancies.

b. TEMPEST certified scopes not provided.

c. Hardware Discrepancies noted during 30 day performance.

d. DLT-70 interface diagnostic not available.

e. Current amount of disk drives does not allow for maximum on-line storage retention of outgoing messages.

f. Current high traffic volume of outgoing DD 173 narrative traffic requires installation of an additional MART.

7. RECOMMENDATIONS:

a. Recommend USACSA (DPM) review the system audit discrepancies and expedite corrective action by Univac.

b. Recommend USACSA (DPM) closely monitor the contractor in providing the TEMPEST certified scopes in accordance with requirements.

c. Recommend USACSA (DPM) review hardware discrepancies identified during 30-day performance and take appropriate action as required to assure discrepancies are being corrected.

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d. Recommend USACSA (DPM) coordinate with the contractor to develop DLT-70 interface diagnostics and be prepared to demonstrate these diagnostics within a reasonable time.

e. Recommend USACSA (DPM) provide four additional disk devices at Heidelberg TCC, to expand intransit files and satisfy a requirement for a minimum 10 days of on-line storage.

f. Recommend USACSA (DPM) initiate action to acquire an additional MART to satisfy originated narrative traffic volumes and provide redundancy.

FOR THE COMMANDER:

Calvin F. Phillips

3 Incl
as

CALVIN F. PHILLIPS
Colonel, Signal Corps
Director, Test & Evaluation
Directorate

CF:
COMMANDERS
5th Signal Cmd, ATTN: CCE-OP, CCE-PI, CCE-EN, APO New York 09056
USACC, ATTN: CC-OPS-TS, Fort Huachuca, AZ 85613
USACEEIA, ATTN: CCC-CED-SWR, CCC-CED-SET, CCC-PRSO, CCC-TD, CCC-TAD-TCC, CCC-TAD-TCC-TD, CCC-TAD-TCC-SB, CCC-TAD-TCC-SC, Fort Huachuca, AZ 85613
DIRECTORS
DCA Technical Library Center, ATTN: Code 205, Washington, DC 20305
Defense Documentation Center for Scientific and Technical Information, ATTN: Documentation Service Center, Alexandria, VA 22314

HEIDELBERG AMME

INSTALLATION/EQUIPMENT DISCREPANCIES - UNIVAC

	EQUIPMENT	DISCREPANCY
(1)	MAG TAPE DRIVE 0	Down - awaiting parts.
(2)	MAG TAPE DRIVE 4	Inoperative - need repair/adjustment.
(3)	MAG TAPE DRIVE 7	Inoperative - need repair/adjustment.
(4)	MAG TAPE DRIVE 8	Inoperative - need repair/adjustment.
(5)	U-200, CCVB	Inoperative - awaiting parts.
(6)	U-200, CCVF	Inoperative - awaiting parts.
(7)	U-200, CCVD	Will not come up with AMME.
(8)	PAPER TAPE PUNCH, SN C424	Does not punch tape properly.
(9)	MAG TAPE CONT, SN F1267	Down - awaiting power supply.
(10)	DISC CONT, SN 1566R	Can't access 183 disc drive.
(11)	MAG TAPE DRIVE 8	Lower panel damaged.
(12)	HIGH SPEED PRINTER, SN 37E	Side panel buckled and bent at bottom. Side door does not close properly.
(13)	U-200's (ALL)	TEMPEST kits not installed.
(14)	CARD PUNCH, SN F1167R	Side panel cannot be installed, wrong one shipped.
(15)	DISC CONT, SN 1566R	Spring loaded start/error reset switch broken.
(16)	SRT SHILDES in LTC-16 Shields in processors	Not grounded.
(17)	DLT-70, SN 346	Lower panel damaged.
(18)	DCT 9000, SN 2427R	Power panel missing.
(19)	OS4 Manuals	Have not been delivered.

	EQUIPMENT	DISCREPANCY
(20)	DCT 9000, SN 2427R	Printer top cover slightly warped/ bent out of shape.
(21)	LTC'16, SN F303 & F304	Will not work in secure mode.
(22)	DLT-70's, SN 346 & 356	No diagnostics available. AMME won't run with DLT-70.
(23)	DCT 9000, SN 2427R	Will not work in secure mode from PROC B. Secure cable to DCT 9000 has not been installed.

TECHNICAL ACCEPTANCE RECOMMENDATION (SUMMARY) (CCCR 702-2)		PAGE 1 OF 4 PAGES
		DATE (DAY, MO, YEAR) 19 APR 79
PROJECT/CONTRACT NUMBER GS-00C-00058	TITLE AUTOMATED MULTI-MEDIA EXCHANGE AMME	LOCATION CAMPBELL BARRACKS HEIDELBERG GERMANY
FACILITY HEIDELBERG AMME TCC		TEST DIRECTOR W.M. KABRICK COMM SPEC GS-13

OPERATING AGENCY	ENGINEERING AGENCY
CDR 43RD SIG BN APO N.Y. 09102	HQ USACEEIA-CED FT. HUACHUCA, AZ 85613
INSTALLATION AGENCY	**TESTING AGENCY**
SPERRY UNIVAC FEDERAL SYSTEMS 2121 WISCONSIN AVE. N.W. WASHINGTON, D.C. 20007	HQ USACEEIA-TED FT. HUACHUCA, AZ 85613

PROJECT DESCRIPTION

THE HEIDELBERG AMME SYSTEM IS INSTALLED IN BUILDING 22, CAMPBELL BARRACKS, HEIDELBERG GERMANY. IT IS HOMED TO TWO AUTODIN ASC'S AND HAS THE CAPABILITY TO SERVE THE HEIDELBERG AREA CUSTOMERS OVER-THE-COUNTER SERVICE FOR NARRATIVE, OSU, DATA CARD AND MAGNETIC TAPE TRAFFIC.

This Technical Acceptance Recommendation is executed by the onsite representatives of the installation, test and operating agencies. It does not constitute official acceptance of the project but does certify that the MAJOR ITEMS INSTALLED AND DOCUMENTATION PROVIDED are as stated herein. This document further certifies that the project has been installed and performs satisfactorily in accordance with the requirements listed under REFERENCES except as noted under EXCEPTIONS and REMARKS. Upon execution of this TECHNICAL ACCEPTANCE RECOMMENDATION, USACEEIA considers this project complete except for such follow-on action as may be necessary to clear the EXCEPTIONS stated herein.

9. TECHNICAL ACCEPTANCE RECOMMENDATION (INSTALLED EQUIPMENT) (CCCR 702-2)		PAGE 2 OF 6 PAGES
		DATE (DAY, MO, YEAR) 19 APR 79
PROJECT/CONTRACT NUMBER	TITLE	LOCATION
GS-00C-00058	AUTOMATED MULTI-MEDIA EXCHANGE AMME	CAMPBELL BARRACKS HEIDELBERG GERMANY

MAJOR EQUIPMENT INSTALLED/RELOCATED

BOM ITEM NO.	DESCRIPTION	PART NUMBER/FSN	QUANTITY
	THE EQUIPMENT INSTALLED AT THIS SITE IS LISTED IN INCL 1		

10. TECHNICAL ACCEPTANCE RECOMMENDATION (DOCUMENTATION) (CCCR 702-2)		PAGE 3 OF 6 PAGES DATE (DAY, MO, YEAR) 19 APR 79
PROJECT/CONTRACT NUMBER GS-00C-00058	TITLE AUTOMATED MULTI-MEDIA EXCHANGE AMME	LOCATION CAMPBELL BARRACKS HEIDELBERG, GERMANY

PROJECT DOCUMENTATION PROVIDED

REFERENCE DOCUMENTATION	TITLE	NO. OF COPIES
N/A	VOLUME II OPERATOR INSTRUCTION MANUAL AUTOMATED MULTI-MEDIA EXCHANGE, AMME.	2 EA

11. TECHNICAL ACCEPTANCE RECOMMENDATION (EXCEPTIONS) (CCCR 702-2)		PAGE 4 OF 6 PAGES DATE (DAY, MO, YEAR) 19 APR 79
PROJECT/CONTRACT NUMBER GS-00C-00058	TITLE AUTOMATED MULTI-MEDIA EXCHANGE AMME	LOCATION CAMPBELL BARRACKS HEIDELBERG, GERMANY

EXCEPTIONS ENGINEERING ☐ INSTALLATION ☒ OTHER ☐	SUGGESTED ACTION AGENCY
1. INCL 2 LISTS ALL 4.5 SOFTWARE DISCREPANCIES IDENTIFIED PRIOR TO AND INCLUDING THE HEIDELBERG AMME ON-SITE SYSTEM TEST.	USACEEIA-TAD
2. INCL 3 LISTS HARDWARE DISCREPANCIES WHICH REQUIRE CORRECTIVE ACTION BY THE INSTALLATION AGENCY.	UNIVAC
3. INCL 4 LISTS SYSTEM DEFICIENCIES WHICH REQUIRE CORRECTIVE ACTION AS DETERMINED BY THE PROJECT MANAGER.	USACSA

12. TECHNICAL ACCEPTANCE RECOMMENDATIONS (REMARKS) (CCCR 702-2)		PAGE 5 OF 6 PAGES DATE (DAY, MO, YEAR) 19 APR 79
PROJECT/CONTRACT NUMBER GS--0C-00058	TITLE AUTOMATED MULTI-MEDIA EXCHANGE AMME	LOCATION CAMPBELL BARRACKS HEIDELBERG, GERMANY

REMARKS: THE HEIDELBERG AMME SYSTEM WAS ACTIVATED TO LIVE TRAFFIC ON 9 APR 79 WITH EXCEPTIONS AS NOTED IN PARAGRAPH 11 OF THIS DOCUMENT. THE NOTED DEFICIENCIES HAVE BEEN REFERRED TO THE AGENCIES RESPONSIBLE FOR CORRECTIVE ACTION. THE SYSTEM AS IMPLEMENTED PROVIDES OVER-THE-COUNTER SERVICE FOR NARRATIVE, DATA CARD AND MAGNETIC TAPE TRAFFIC.

IT WAS NOTED DURING THIS TEST EFFORT THAT NO HARDWARE DIAGNOSTICS EXIST FOR TESTING THE DLT-70 INTERFACE WITH THE 9400 PROCESSOR. THE AVAILABILITY OF DIAGNOSTICS WOULD ENHANCE AND EASE THE INSTALLATION AND OPERATION OF AMME SYSTEMS.

RECOMMEND THAT THE OPERATOR TRAINING AT FUTURE AMME SITES BE CONDUCTED AFTER RATHER THAN CONCURRENTLY WITH THE HARDWARE TEST. THIS WOULD TEND TO IMPROVE THE EFFECTIVENESS OF THE USACEEIA TRAINING PROGRAM.

A COMPLETE SET OF AS BUILT DRAWINGS ARE TO BE PROVIDED TO THE OPERATING AGENCY BY THE ENGINEERING AGENCY WITHIN 30 DAYS.

TECHNICAL ACCEPTANCE RECOMMENDATION (CERTIFICATION) (CCCR 702-2)		PAGE 6 OF 6 PAGES DATE (DAY, MO, YEAR) 19 APR 79
PROJECT/CONTRACT NUMBER GS-00C-00058	TITLE AUTOMATED MULTI-MEDIA EXCHANGE AMME	LOCATION CAMPBELL BARRACKS HEIDELBERG GERMANY

CERTIFICATION

Acceptance tests and Quality Assurance Inspections are complete for equipment installed under this project.

WITHOUT EXCEPTIONS ☐ WITH NOTED EXCEPTIONS ☒

INSTALLATION AGENCY SPERRY UNIVAC FEDERAL SYSTEMS 2121 WISCONSIN AVE. N.W. WASHINGTON, D.C. 20007	SIGNATURE AND TITLE PRINTED J.E. GRIMM SPERRY UNIVAC FSD
OPERATING AGENCY OIC TCC 43D SIG BN APO N.Y. 09102	SIGNATURE AND TITLE OIC TCC PRINTED ROBERT GORRIE CPT, USA
TEST AGENCY HQ USACEEIA-TED FT. HUACHUCA, AZ 85613	SIGNATURE AND TITLE PRINTED WILLIAM M. KABRICK COMM SPEC. GS-13

ACCEPTANCE

Equipment herein certified successfully installed and tested, is accepted for operation.

OPERATING COMMAND COMMANDER 178th SIG CO, 43D SIG BN APO N.Y. 09102	SIGNATURE TITLE THOMAS W. MCGEE, JR CPT, SIGC Commanding

SOFTWARE INSTALLATION AGENCY
HQ USACEEIA-TAD-SC
FT. HUACHUCA, AZ 85613

Albert I. Niemeyer
ALBERT I. NIEMEYER
COMPUTER SPECIALIST, GS-13

SW

EXCEPTED BOI APPLIES | ☒ ORDER FOR SUPPLIES OR SERVICES | ☐ REQUEST FOR QUOTATIONS NO. | PAGE 1 OF 7

RETURN: COPY(IES) OF THIS QUOTE BY (THIS IS NOT AN ORDER. See DD Form 1155r)

CONTRACT NO.	2. DELIVERY ORDER NO.	3. DATE OF ORDER	4. REQUISITION/PURCHASE REQUEST NO.	5. CERTIFIED FOR NATIONAL DEFENSE UNDER DMS REG 1
GS-00C-00058	DAAB07-78-F-0487	78 JUL 19	SEE SCHEDULE	DO A7

6. ISSUED BY: COMMUNICATIONS & ADP PROCUREMENT BRANCH, DIRECTORATE OF PROCUREMENT, CERCOM, FT MONMOUTH, NJ 07703; Buyer/Symbol: Mr. W. Wood/ DRSEL-PC-C-CA-1(W00) Phone: 201-532-5648 — CODE W15E7T

7. ADMINISTERED BY (If other than item 6): See Block 16 below. — CODE

8. DELIVERY FOB: ☐ DEST ☐ OTHER (See Schedule if other)

9. CONTRACTOR/OFFEROR — CODE 01749 — FACILITY CODE

NAME AND ADDRESS:
SPERRY UNIVAC
FEDERAL SYSTEMS
2121 Wisconsin Avenue NW
Washington, D.C. 20007

10. DELIVER TO FOB POINT BY: SEE SCHEDULE

11. CHECK IF SMALL BUSINESS ☐

12. DISCOUNT TERMS: See Block 15 below.

13. MAIL INVOICES TO: SEE SCHEDULE

14. SHIP TO: SEE SCHEDULE Note No. 2 — CODE

15. PAYMENT WILL BE MADE BY: FINANCE & ACCOUNTING OFFICE
ATTN: DRSEL-CP-FA-JDE
Fort Monmouth, NJ 07703 — CODE W15E7T

MARK ALL PACKAGES AND PAPERS WITH CONTRACT OR ORDER NUMBER

16. TYPE OF ORDER
DELIVERY: X — This delivery order is subject to instructions contained on this side of form only and is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.
PURCHASE: ☐ — Reference your: , furnish the following on terms specified herein, including, for U. S. purchases, General Provisions of Purchase Order on DD Form 1155r (EXCEPT CLAUSE NO. 13 APPLIES ONLY IF THIS BOX ☐ IS CHECKED, AND NO. 15 IF THIS BOX ☐ IS CHECKED) special provisions ; and delivery as indicated. This purchase is negotiated under authority of 10 USC 2304(a)(3) or as specified in the schedule if within the U. S., its possessions or Puerto Rico; if otherwise, under 2304(a)(6).
☐ If checked, Additional General Provisions apply; Supplier shall sign "Acceptance" on DD Form 1155r and return copies.

17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE

ACRN: AA 21T2035 TA3 & 281 P5210-3112 S28043T89762 - $1,244,073.00

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
0001	Purchase of AMME Equipment for the Heidelberg Site as listed in SUBLINs 0001AA through 0001CP, below:				
	Following SUBLINs from Contract Exhibit B-1	FEATURE			
0001AA	U-9400 PROC/CON	3019-00	2 ea	$33,280.00	$66,560.
0001AB	Storage 196K	7010-75	2 ea	250,841.00	501,682.
0001AC	Storage Exp. 65K (196-262)	7010-72	2 ea	46,272.00	92,544.
0001AD	Selector Channel 1	F1092-00	2 ea	7,830.00	15,660.

*If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and initial.

24. UNITED STATES OF AMERICA — BY: JACKIE A. HUGHES, Captain, Signal Corps — CONTRACTING/ORDERING OFFICER

25. TOTAL $1,244,073.

26. DIFFERENCES

27. INITIALS

28. QUANTITY IN COLUMN 20 HAS BEEN: ☐ INSPECTED ☐ RECEIVED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

DATE — SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

29. S/R VOUCHER NO.

30. AMOUNT VERIFIED CORRECT FOR

31. PAID BY

32. PAYMENT: ☐ COMPLETE ☐ PARTIAL ☐ FINAL

33. AMOUNT VERIFIED CORRECT FOR

34. CHECK NUMBER

35. BILL OF LADING NO.

36. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.

INCL 1

SIGNATURE AND TITLE OF CERTIFYING OFFICER

STANDARD FORM 36 (JULY 1966)
GENERAL SERVICES ADMINISTRATION
FED PROC REG 1-1 (FPR) 1-16.101

CONTINUATION SHEET

REF NO OF DOC BEING CONT'D
Contract No. GS-00C-00058
DO No. DAAB07-78-F-0487

PAGE 2 OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUN
	Following SUBLINs from Contract Exhibit B-1 (Cont'd)	FEATURE				
0001AE	Selector Channel 2	F1092-01	2	ea	$ 7,830.00	$ 15,66
0001AF	Comm Adapter	F1093-00	2	ea	1,960.00	3,92
0001AG	DLT-70 Autodin I/F	8573-00	2	ea	28,800.00	57,60
0001AH	AUX Table	F1396-00	10	ea	125.00	1,25
0001AJ	Uniservo 16 Control	5017-00	1	ea	22,825.00	22,82
0001AK	Dual Access Operation	F0899-99	1	ea	17,866.00	17,86
0001AL	Dual Channel	F0825-00	2	ea	3,700.00	7,40
0001AM	Uniservo 16 (9 Track)	0862-04	9	ea	19,609.00	176,48
0001AN	U-16 Dual Access/Simultaneous	F1319-00	9	ea	2,284.00	20,55
0001AP	Dual Access I/F	C1609-02	9	ea	NC	NC
0001AQ	U-16 Dual Density (9-Trk NRZI)	F0937-01	2	ea	2,448.00	4,89
0001AR	Line Terminal Control 16	8575-01	2	ea	22,185.00	44,37
0001AS	Longitudinal, RED, Check	F1008-00	2	ea	1,735.00	3,47
0001AT	Line Term Synchronous (2 Spare)	F1005-98	21	ea	2,375.00	49,87
0001AU	CI 205B (MIL 188)	F1002-08	21	ea	565.00	11,86
0001AV	Dir Conn Module	8543-00	30 44	ea	600.00	18,00
0001AW	DCT 9000 III Proc Printer	3030-99	1	ea	32,500.00	32,50
0001AX	Storage, 8K Bytes	7007-08	1	ea	24,390.00	24,39
0001AY	Selector Mux/Channel	F1104-00	1	ea	3,330.00	3,33
0001AZ	9300 Channel Adapter	F1001-00	1	ea	3,700.00	3,70
0001BA	Card Reader	0711-00	1	ea	4,970.00	4,97
0001BB	Multi-Strobe Read	F1097-00	1	ea	1,145.00	1,14
0001BC	Card Punch	0604-00	1	ea	9,920.00	9,92
0001BD	Edge Notch	F1174-00	1	ea	1,400.00	1,40
0001BE	Paper Tape Control	0920-02	1	ea	7,540.00	7,54
0001BF	Paper Tape Reader	F1033-02	1	ea	1,600.00	1,60
0001BG	Paper Tape Punch	F1032-02	1	ea	5,480.00	5,48
0001BH	Printer and Control	0769-02	1	ea	46,545.00	46,54
0001BJ	Print Selection	C1508-02	1	ea	NC	NC
0001BK	Card Reader 9400	0711-05	1	ea	8,265.00	8,26
0001BL	Validity Check	F1177-00	1	ea	720.00	72
0001BM	Card Punch	0604-00	1	ea	9,920.00	9,92
0001BN	Edge Notch	F1174-00	1	ea	1,400.00	1,40
0001BP	Dual Density (9TRK-NRZI	F0826-00	2	ea	4,785.00	9,57
						$1,304,3
	SLINs 0001AA through 0001BP-List Price (Table B-1)					
		35% Discount:				456.7
		Net:				$848,1

STANDARD FORM 3c. JULY 1966 GENERAL SERVICES ADMINISTRATION FED PROC REG 1a1 CFR) 1-16.101	CONTINUATION SHEET	REF NO OF DOC BEING CONT'D Contract No. GS-00C-00058 DO No. DAAB07-78-F-0487	PAGE 3	OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Following SUBLINs from Contract Exhibit B-2B	FEATURE				
0001BQ	Tempest Kits, 5024-99/8425	RPQ-W2351	2	ea	$ 2,300.00	$ 4,600.
0001BR	U-200 Tempest Kit	RPQ-W2409	8	ea	2,588.00	20,704.
0001BS	CMA Tempest Kit	RPQ-W2528	2	ea	748.00	1,496.
0001BT	Kleinschmidt Paper Tape Reader Adapter	RPQ-W2407	1	ea	175.00	175.
0001BU	Kleinschmidt Punch Adapter	RPQ-W1533	1	ea	275.00	275.
	SLINs 0001BQ through 0001BU-List Price (Table B-2B, No Discount):					$27,250.
	Following SUBLINs from Contract Exhibit B-2C					
0001BV	Peripheral Switch, R52561/RPQ (Electrical Transfer W2467 Switch) SLIN 0001 - (Table B-2C, No Discount)		1	ea	39,330.00	39,330.
						$39,330.
	Following SUBLINs from Contract Exhibit B-4A	FEATURE				
0001BW	8425 Disk Control	5024-99	2	ea	48,348.00	96,696.
0001BX	Dual Channel Control	F1043-00	2	ea	3,700.00	7,400.
0001BY	Disc Drive	8425-00	4	ea	14,940.00	59,760.
0001BZ	Dual Access Disk Drives	F2001-00	4	ea	2,268.00	9,072.
0001CA	Disk Pack	F1214-01	20	ea	375.00	7,500.
0001CB	Dual Channel	F1012-00	2	ea	3,885.00	7,770.
	SLINs 0001BW through 0001CB-List Price (Table B-4A):					$188,198.
		25% Discount:				47,049.
		Net:				$141,149.
	Following SUBLINs from Contract Exhibit B-4B	FEATURE				
0001CC	U-200 Video Display Unit	3542-99	8	ea	4,278.00	34,224
0001CD	24 X 80 Screen Protected Format	C2045-03	8	ea	NC	NC
0001CE	Keyboard	F1844-08	8	ea	547.00	4,376
0001CF	96 Character Expansion	F2044-01	8	ea	779.00	6,232
0001CG	Sync. I/F	F1245-01	8	ea	519.00	4,152
0001CH	Mill 188 I/F	C1468-02	8	ea	NC	NC
0001CJ	CMA Modules (2 Spare)	F2382-00	10	ea	1,200.00	12,000
0001CK	CMA Cabinet & 1st CMA (RPQ W-2457)	8592-00	2	ea	3,500.00	7,000
0001CL	CAU/8 Bit MIL 188 I/F (2 Spare)	C2383-01	12	ea	NC	NC
0001CM	DCT 9000 Storage Exp 4K (8-12K)	F0890-03	1	ea	15,120.00	15,120

STANDARD FORM 36, JULY 1966
GENERAL SERVICES ADMINISTRATION
FED PROC REG 141 CFR) 1-16 101

CONTINUATION SHEET

REF NO OF DOC BEING CONTD
Contract No. GS-00C-00058
DO No. DAA307-78-F-0487

PAGE 4 OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	RPQ ITEMS					
		FEATURE				
CN	Red and Black Site Installation	RPQ-5001-22	1	ea	$4,900.00	$4,900
CP	Cables, 50 ft.	287-1358	8	ea	29.25	234
					SUBTOTAL	$5,134
0002	Seven months of Full Period Maintenance (FPM)					

DISCRP NO.	INDEX DISCREPANCY DESCRIPTION	DATE DETECTED	DATE CLOSED	CORRECTIVE ACTION	REMARKS
4.5-0001	AMME unable to handle other than block by				
	block	12 DEC 78			
4.5-0002	IRT CSU	22 DEC 78			
4.5-0003	In and Out of Self-Test	1 FEB 78			
4.5-0004	Automatic Readdressals	7 FEB 78	27 Feb 79	-	
4.5-0005	Incorporated with 4.5-0002		See 0002		
4.5-0006	Paper Tape Messages	20 Jun 78	15 Mar 79		
4.5-0007	No Full Duplex Transmit/Receive Capability	20 Apr 78			
4.5-0008	LMF "FT" Causes Lost Data	11 May 78	15 MAR 79		
4.5-0009	CLOSED	8 Jun 78			Design Guidance by DF
4.5-0010	RM Response not as Required in SOR	25 JUL 78	27 Feb 79		
4.5-0011	"OTC IS ACTIVE"	30 Aug 78			
4.5-0012	Inablility of SRT to use Desired CIC	12 SEP 78			
4.5-0013	Altroutes by AMME with SRT in CSU Mode	13 SEP 78			
4.5-0014	Line Errors on SRT Circuit	22 SEP 78	15 MAR 79		
4.5-0015	SRT Control Messages (NAR and SVC)	22 SEP 78			
4.5-0016	CLOSED		9 Nov 78		Design Guidance by DF
4.5-0017	AMME Xmission of System Control Messages	27 SEP 78			
4.5-0018	Character Count from SRT	28 SEP 78	15 Mar 79		
4.5-0019	Sec Message Xmission from DD173 SRT MSG ENT	5 OCT 78	27 Feb 79		
INCL 2					

DISCRP NO.	INDEX DISCREPANCY DESCRIPTION	DATE DETECTED	DATE CLOSED	CORRECTIVE ACTION	REMARKS
4.5-0020	Security Input Error at Message Entry	6 OCT 78	15 Mar 79		
4.5-0021	SRT XMITS ASCII P.T. in Lower Case Chara	14 Oct 78	15 Mar 79		
4.5-0022	LCS Mode Problems	14 Oct 78			
4.5-0023	CLOSED		25 Jan 79	PATCH	
4.5-0024	Over-the-Counter Mag Tape Problem	On-Site LED	15 Mar 79		
4.5-0025	Mag Tape Retrievals	25 SEP 78	6 Mar 79		Patch #833
4.5-0026	No Tape Retrievals by TOD Time Span	25 OCT 78			
4.5-0027	SRT Documentation	28 NOV 78			
4.5-0028	OCMT Input Problem	28 Nov 78	15 Mar 79		
4.5-0029	CLOSED		25 Jan 79		
4.5-0030	Traffic Analysis - Management Stats	28 Nov 78	15 Mar 79		
4.5-0031	System Dump 1/29	29 Nov 78	15 Mar 79		
4.5-0032	CLOSED		25 Jan 79		
4.5-0033	System Design Problem	30 Nov 78	15 Mar 79		
4.5-0034	Input in excess of 500 cards	9 DEC 78	15 Mar 79		On-Site LEAD
4.5-0035	Inputs from DPI to AMME w/ Security "A" .	9 DEC 78			ALSO "T"
4.5-0036	LMF CC or DD from DPI over CLI (DATA MSGS	14 DEC 78			
4.5-0037	CIC with some special characters	10 DEC 78	15 Mar 79		DESIGN
4.5-0038	Retrievlas by PAN and RRN	10 DEC 78	15 Mar 79		
4.5-0039	Processing of OCMT to AUTODIN	18 DEC 78	15 Mar 79		

DISCRP NO.	INDEX DISCREPANCY DESCRIPTION	DATE DETECTED	DATE CLOSED	CORRECTIVE ACTION	REMARKS
4.5-0040	Hopper Full condition on OCCA	19 DEC 78	27 Feb 79		
4.5-0041	CLOSED		25 Jan 79		
4.5-0042	Operator Instructions of Readressals	18 DEC 78	15 Mar 79		
4.5-0043	Closing of OCMT 0 requires re-boot	18 DEC 78	27 Feb 79		
4.5-0044	CLOSED		31 Jan 79		Patch 694
4.5-0045	CLOSED		31 Jan 79		
4.5-0046	Piloted Messages with TRC	8 Jan 79	15 Mar 79		
4.5-0047	CLOSED		31 Jan 79		
4.5-0048	CLOSED		31 Jan 79		
4.5-0049	Print-Out on Section Messages (SRT)	22 Jan 79	27 Feb 79		
4.5-0050	"OVERDUE CLEAR" Condition	22 Jan 79	27 Feb 79		
4.5-0051	OCMT input with a MTMS and ZOV	14 Jan 79			
4.5-0052	CLOSED		31 Jan 79		
4.5-0053	Rebuild from Balance Tape produced ZFD	14 Jan 79	15 Mar 79		
4.5-0054	Section Message numbers missing	24 Jan 79	27 Feb 79		
4.5-0055	Transmitting SIDPERS	24 Jan 79			
4.5-0056	System Failed on Input Mag Tape	24 Jan 79	27 Feb 79		
4.5-0057	ROTC not Cleared for "A" SPECAT	23 Jan 79	See 00[illegible] 27 Feb 79		
4.5-0058	Comeback copies to SRT	23 Jan 79	15 Mar 79		
4.5-0059	Force Route from SRT	24 Jan 79	15 Mar 79		

DISCRP NO.	INDEX DISCREPANCY DESCRIPTION	DATE DETECTED	DATE CLOSED	CORRECTIVE ACTION	REMARKS
4.5-0060	Incorporated		—		
4.5-0061	TFMs went into a Wait State	25 Jan 79	Jan 2008 27 Feb 79		
4.5-0062	TRC Multipule RI - CLOSED	26 Jan 79	31 Jan 79	Patch 694	
4.5-0063	System Rebuild	29 Jan 79	15 Mar 79		
4.5-0064	AMME in Loop	30 Jan 79	15 Mar 79		
4.5-0065	Format Line Four	30 Jan 79	27 Feb 79		Related to 4.5-0063
4.5-0066	SRT Gives out of Sequence numbering	8 FEB 79	27 Feb 79		
4.5-0067	Message Annotation on SRT invalid	8 FEB 79			
4.5-0068	TFM Position will not accept commands	12 FEB 79	15 Mar 79		design - change op n
4.5-0069	TRC Requirements	16 Feb 79			Documentation
4.5-0070	SRT (OSU) DD173	16 Feb 79	9 Mar 79		
4.5-0071	SPECAT A & B Classification Markings	16 Feb 79	15 Mar 79		
4.5-0072	SRT OSU Input	16 Feb 79			To: TNL's
4.5-0073	SRT DD173 Input	16 Feb 79			"
4.5-0074	CLOSED	14 FEB 79	20 FEB 79		
4.5-0075	CLOSED	14 FEB 79	20 FEB 79		
4.5-0076	CLOSED	16 FEB 79	20 FEB 79		
4.5-0077	CLOSED	16 FEB 79	20 FEB. 79		
4.5-0078	CLOSED	16 FEB 79	20 FEB 79		
4.5-0079	DD173 SRT Comeback Copies	16 FEB 79	15 Mar 79		On Site Korea

DISCRP NO.	INDEX DISCREPANCY DESCRIPTION	DATE DETECTED	DATE CLOSED	CORRECTIVE ACTION	REMARKS
4.5-0080	CLOSED	18 FEB 79	20 FEB 79		
4.5-0081	Two Section SPECAT Message	18 FEB 79			
4.5-0082	CLOSED	19 FEB 79	20 FEB 79		
4.5-0083	CLOSED	19 FEB 79	20 FEB 79		
4.5-0084	"MESSAGE UNROUTABLE" Advisory	20 FEB 79	15 Mar 79		
4.5-0085	OPERATOR MANUAL - OTC INSTRUCTIONS	24 MAR79			
4.5-0086	SRT/AMME HANG-UP ON COMEBACK COPY	6 APR 79			
4.5-0087	DATA DUPLICATION FROM SRT TO AMME	6 APR79			
4.5-0088	SRT/AMME PROBLEM ON SECTION MSG	6 APR 79			
4.5-0089	INPUT FROM PAPER TAPE READER PORTIONS OF MSG TEXT ON CONSOLE	6 APR 79			
4.5-0090	THREE LINES OF HANDLING INSTR REQ	6 APR 79			
4.5-0091	OPERATOR MANUAL NEEDS TM24-TM29	10 APR 79			
4.5-0092	DCT-9000 GOES INTO LOOP - CD TRAFFI	10 APR 79			
4.5-0093	AMME ADVISORIES OF AVAILABILITY	10 APR 79			
4.5-0094	SYSTEM ABORT - DOUBLE BUFFER RELEAS	10 APR 79			
4.5-0095	NO AUDIT TRAIL BETWEEN SRT DD 173 INPUT AND REJECT NOTICE ON SVC PRINTER	16 APR 79			

DISCREPANCY SHEET

(Describing Discrepancies [illegible])

Procedure:	Discrepancy No: 4.5-0001
Date: 12 Dec 77	Software XXX
Location: SSC	Hardware
	Documentation
	Operator
	Other

Description of Problem: AMME unable to handle other than block-by-block mode. When the entry modes on the SRT are other than AMME block-by-block the system dumps. Provisions should be made to reject the transmission without bringing the AMME system down.

Ref. TAD Discrepancies: LEAD-4.0-0074, LEAD-4.0-0021, EXR-4.0-0007, KOR-4.0-0002, HALT-4.5-TH-0001, EXR-4.5-002, LED-4.5-TH-0002, OAK-4.5-0002,

Corrective Action: Date:

Sent to design 22 June 78. SB says cannot fix by software. Need DF to SD to explain that continuous will cause system to bomb when entered by operator.

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

HQ CEEIA CCC-TED-TS FM 27-R

DISCREPANCY SHEET

Procedure:	Discrepancy No: 4.5-0002
Date: 22 DEC 78	Software XXX
Location: SSC	Hardware Documentation Operator Other

Description of Problem: IRT CSU

IRT CSU function does not work. System fials with sub-system check when trying to pass data bewtnen the IRTs. CSU EOM sequence also caused program to fail

Ref. TAD Discrepancies: BXR-4.0-0008, LEAD-4.0-0093, EDR-4.0-0003, BALT-4.5-0002 BXR-4.5-0003, LED 4.5-FH-0003, OAK-4.5-0003

Corrective Action: Date: 22 June 78

Sent to design 22 June 78.

15 Sept 78 – No way of testing IRT but SRT CSU mode works after a fashion. Suggest we clear this off (AIN)

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:

Discrepancy No: 4.5-0003

Date: 1 Feb 78

Software XX

Location: SSC

Hardware

Documentation

Operator

Other

Description of Problem: In out of SRT Self-Test Problem

There are numerous inconsistancies in the AMME system when going in and out of self-test on the SRT. At times the SRT line is logged down when going in and out of self-test both at console and ADU. At other times, the SRT is not logged down but a message cannot be entered from the SRT to the AMME. On other occasions, normal operations can be resumed after going in and out of self-test at the SRT.

Ref. TAD Discrepancies: SRT-FH-4.0-0001, EDR-4.0-0036, ELT-4.5-0015, EXR-4.5-004 LED-4.5-FH-0004; OAK-4.5-0004

Corrective Action: Date:

No TFC in process - input output line errors in both directions

TFC in process either direction - TFC resumes after SRT goes out of test. No line errors

Retest

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:	Discrepancy No.: KOR-FH-4.5-0005
Date:	Software XX
Location: SSC	Hardware Documentation Operator Other

Description of Problem: AMME remote terminal (IRT) Circuit Switch Unit (CSU) IRT CSU functions does not work. AMME system fails with sub-system check when transmitting data between remote IRT terminals. Also CSU mode end-of-message sequence causes the program to fail.

Reference Discrepancies- LEAD-FH-4.0-0006 , OAK-4.5-0006

Corrective Action: Date:

This problem is considered to be minor as the remote terminals normals normal message switching mode (MSU) is satisfying all current traffic requirements. Without doubt (CSU) concept for passing live data in this mode can be improved. Recommend this problem to be addressed in a AMME design meeting

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:	Discrepancy No: 4.5-0007
Date: 20 Apr 78	Software XX
Location: SSC	Hardware
	Documentation
	Operator
	Other

Description of Problem: No Full Deuplex Transmit/Receive Capability SRT

Two self-addressed card messages were transmitted from the SRT. After completion of transmission of the first message, the second message continued to transmit. The ~~first~~ block of the first message was received at the SRT. No further receipt of the first message was accomplished until all of the second message was transmitted from the SRT. (Intermittent problem)

(re-tested)

Ref. TAD Discrepancies: OAK-4.0-0037, KOR-4.0-0009-SC, BALT-4.5-0008, BXR-FH-4.5-0008 LED-4.5-0008, OAK-4.5-0008

Corrective Action: Date:

Retest

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Describing Discrepancies Noted During Test)

Procedure:	Discrepancy No: 4.5-0011
Date: 30 Aug 78	Software XX
Location: SSC	Hardware
	Documentation
	Operator
	Other

Description of Problem: "OTC IS ACTIVE"

"OTC IS ACTIVE" is still given when certain error conditions are encountered on paper tape. Attempted to recover but a restart must be done in order to recover from this condition.

RELATED Discrepancies: SLT-TH-4.5-0036, SXX-4.5-0014, LED-GH-4.3-0012 SLK-4.5-0012

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Describing Discrepancy)

Procedure:	Discrepancy No.: 4.5-0012
Date: 12 Sep 78	Software - XX
Location: SSC	Hardware Documentation Operator Other DESIGN

Description of Problem: Inability of SRT to use desired CIC.

You can only send CIC "ZEXW" book messages from SRT VDU. This occurred on a message with a CIC of "ZIQW" and "YES" in book. "ZIQW was overlayed by "ZEXW" on output.

REF TAD Discrepancies: BLT-TH-4.5-~~1015~~, EXR-4.5-0015, LED-TH-4.5-0013, OAK-4.5-0013

Corrective Action: Date:

13 Sep 78 - Reply from Terminals: No coding was found in Rel 209 to support changing of the CIC to "ZEXW". Recommend we put a line monitor on the system and double check the problem. (MM)

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Prescribing Directive: [illegible])

Procedure:	Discrepancy No: 4.5-0013
Date: 13 Sep 78	Software XX
Location: SSC	Hardware
	Documentation
	Operator
	Other

Description of Problem: Altroutes by AMME when SRT is in CSU Mode.

Altroutes made to the SRT circuits while they are in CSU mode results in the CSU mode being dropped.

REF TAD Discrepancies: BLI-4.5-046 , BXR-4.5-0016, LED-FH-4.5-0014, OAK-4.5-0014

Corrective Action: Date:

Sent to Design with BLI-FH-4.5-106

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:	Discrepancy No: 4.5-0015
Date: 22 Sep 78	Software XX
Location: SSC	Hardware
	Documentation
	Operator
	Other Design

Description of Problem: SRT Control Messages (NAR and SVC)

a. Narrative type control messages - the SOR indicates a narrative control message with less than three lines will be output to the console. As designed, this type message is output to the service printer and flagged at the console as being in the system. If it has over three lines, the SOR indicates it will be output to the service printer. As designed, it functions the same as less than three lines. Narrative messages are output in JANAP 128 format.

b. Service messages - The SOR indicates service messages to be outputto the printer. As designed, they are output to the console. These messages are not in JANAP 128 format but in plain language with circuit module name preceding each console line.

c. Can not originate a system control message from AMME but SOR indicates it can be done from both sides. The SOR indicates a system message is not accountable in system stats. Narrative messages are accountable since they are in JANAP 128 format.

d. The SOR indicates system control reject messages will give reason for reject. As designed, no reason for the reject is given.

e. The SOR indicates two types of service messages, those requiring a response from AMME and those requiring no operator intervention. These are not specifically identified in the SOR.

SEE ATTACHED FOR CORRECTIVE ACTION.

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:	Discrepancy No: 4.5-0015 (CONT)
Date: 22 Sep 78	Software
Location:	Hardware
	Documentation
	Operator
	Other

CORRECTIVE ACTION: DATE:

REF-TAD-Discrepancies: BLI-FR-4.5-072, EXR-FR-4.5-019, LED-4.5-0017, OAK-2.5-0017

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:	Discrepancy No: 4.5-0017
Date: 27 Sep 78	Software XX
Location: SSC	Hardware Documentation AMME & SRT Operator Other

Description of Problem: AMME transmission of system control messages.

When testing the AMME system control message capability to the SRT, "SYSC" is placed in the CIC position at message entry.

a. If there is a "T" in the second LMF position, the message is logged complete to the SRT but there is no delivery to the SRT output.

b. If there is a mask displayed (Format Selection Matrix) when a system control message is received at the SRT, it is not possible to output the message to the VDU with existing operator procedures. If ther is a "CC" in the LMF field, the message is delivered to the SRT except if the Format Selection Matrix is displayed at the console.

Corrective Action: Date:

REF TAD Discrepancies: BLT-FH-4.5-081, BXT-FH-4.5-024, LED-FH-4.5-0020, OAK-4.5-0020

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:	Discrepancy No: 4.5-0022
Date: 14 Oct 78	Software XX
Location:	Hardware
	Documentation X
	Operator
	Other Design

Description of Problem: LCS Mode Problems.

1. Operator Manual (SRT) page 7-3IC-I Verb Option - Connect (Distant RI) - the AMME Software is not designed to do anything with the Distant End RI in this position.

2. Operator Manual (SRT) page 7-3ID. Precedence and Classification fields are reversed in the legend.

3. SOR Annex I - Item 8 indicates "Connect made to terminal (3LTR RI)". This notification is sent to the distant terminal. No notification of connection is made to the terminal that requested the connection. Also the notification received at the distant terminal does not identify the requesting terminal.

4. After sending a control LCS message from the SRT, another control message mask appears at the SRT. Operator must press CTRL CMD to remove that mask from the screen. The operator must then press COMM MODE and enter LCS block-by-block, remove the previous selection in the mask and then press SEND. Then press CTRL CMD to get the message format selection mask. These procedures do not appear in the SRT operators manual.

5. When a format is selected the LCS mode may be used to transmit a standard format from one SRT to another. Due to the SRT design, no free-form messages can be sent. Also the operator at the receiving end must know ahead of time what media the sending SRT is using before the SRT operator can select the proper output device for

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Prescribing Directive: [illegible])

Procedure:	Discrepancy No: 4.5-0022 (CONT)
Date: 14 Oct 78	Software
Location:	Hardware
	Documentation
	Operator
	Other

LCS in the select character matrix.

6. After LCS connect was made between two SRT's, the sending SRT operator chose to use the control message option. Transmission of this message caused the AMME to send a disconnect to both terminals. A connect message was then sent and another disconnect message was sent by the AMME. Numerous other functions in the SRT cause disconnects to be sent from the AMME. These are not identified in the Operator Manual or the SOR. Example: If the receive terminal presses reject button a disconnect is accomplished.

7. The LCS mode as assigned is not acceptable with the present operator procedures. The type of problems listed above should be corrected and documented before further testing is accomplished on LCS.

Ref TAD Discrepancies: BLI-TH-4.5-106, BXR-TH-4.5-030, LED-TH-4.5-0025, OAK-4.5-025

CORRECTIVE ACTION: DATE:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Prescribing Directive: CDD TED 78-TR-[illegible])

Procedure:

Discrepancy No: 4.5-0025

Date: 25 Sep 78

Software XX

Location: SSC

Hardware

Documentation

Operator

Other

Description of Problem: Mag Tape Retrievals.

: Unable to retrieve from Mag Tape by date/time group.

RSP TAD Discrepancies: BLT-4.5-073, BKR-4.5-020, LED-FH-4.5-0028, OAK-4.5-0028

Corrective Action:

Date:

Patch #833

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure:

Discrepancy No: 4.5-0026

Date: 25 Oct 78

Software X

Location: SSC

Hardware

Documentation

Operator

Other

Description of Problem: No.Tape Retrieval by TOD Time Span

Unable to retrieve message from mag tape by TOD time span.

Related Discrepancies: BLT-FH-108, BXR-4.5-031, LED-FH-4.5-0029, OAK-4.5-0029

Corrective Action: - Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(describing Discrepancy Encountered, Corrective Action Taken, etc.)

Procedure:

Discrepancy No: 4.5-0027

Date: 23 Nov 78

Software

Hardware

Location: SSG

Documentation SAT

Operator

Other

Description of Problem: SAT Documentation

SAT Operators Manual does not contain procedures for message transmission: "Message Rejected" advisory on VDU.

REFERENCE: LED-TH-4.5-0031, OAK-4.5-0031

Corrective Action:

Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure: DPI Tests 8 and 9

Discrepancy No: 4.5-0035

Date: 9 Dec 78

Software 4.5

Location: Letterkenny Army Depot, PA

Hardware

Documentation

Operator

Other

Description of Problem: Inputs from DPI to AMME with security of T or A are inhibited by DPI and job is aborted for security. DPI over-rode this and allowed T & A security to process to AMME. AMME aborted. Dump provided.

REF TAD Discrepancies: LED-4.5-0039, [redacted]

Directive Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

Procedure: TRC

Discrepancy No: 4.5-0036

Date: 14 December 78

Location: LETTERKENNY

Software xx

Hardware

Documentation

Operator

Other

Description of Problem: Data messages, LMF CC or DD from DPI over CLI that e format line four (ZNR/ZNY) and are coded for AMME to insert TXTHR are processed as follows: AMME provides a TRC (ZNR/ZNY) and TXTHDR, and treats the DPI furnished format line four as textural data. On LMF of BB or II, the ZNR/ZNY, if furnished by user, will always be treated as data by AMME.

REF TAD Discrepancies: LED-FH-4.3-44, [redacted]

Corrective Action: Date:

Discussions with DPI representatives reveal that presently they do not plan to use data messages with TXTHDR's. If such a requirement becomes a necessity in the future, the DPI representative agrees that the most feasible solution would be for the DPI software to strip the format line four prior to transmission over the CLI. They do not plan to process any LMF B or I format with a format line 4.

Design

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Describing Discrepancy)

Procedure: PILOTS ON OCMT.	Discrepancy No: 4.5-0051
Date: 14 Jan 79	Software XX
Location: Oakland.	Hardware
	Documentation
	Operator
	Other

Description of Problem: OCMT input with a MIMS and ZOV pilot are rejected for invalid EOM due to card count in trailer with the ZOV added to the message.

Reference TAD Discrepancy OAK-FH-4.5-0065

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Prescribing Directive: CCC TEP 78-TP-172)

CLOSED 7 APR 79

Procedure:	Discrepancy No: 4.5-0055
Date: 24 JAN 79	Software X
Location: SSC	Hardware Documentation Operator Other

Description of Problem: Transmitting SIDPERS

System failed two times while transmitting SIDPERS traffic to ROTC.

Corrective Action: Date:

R Lent

Wm Kolenda

VENDOR TEST DIRECTOR

Wm Kolenda

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC TED 75 TR 179)

Procedure:	Discrepancy No: 4.5-0067
Date: 8 FEB 79	Software X
Location: SSC	Hardware Documentation Operator Other

Description of Problem: Message annotation on SRT is [redacted] incorrect.
Top & Bottom of page is off position.

Corrective Action: Date:

AMME SOFTWARE WAS CORRECTED TO PROVIDE PROPER ANNOTATION WITH 2 PROPER FORM FEED TAPE. CARRIAGE FORM TAPE PREPARATION INSTRUCTIONS IN SRT MANUAL ARE NOT VALID. THIS PROBLEM TO be referred TO CEEIA TERMINALS BR for Resolution.

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

~~(Prescribing Directive: 6SS TED 76 TR 170)~~

Procedure:	Discrepancy No: 4.5-0069
Date: 16 FEB 79	Software
Location: SSC	Hardware Documentation X Operator Other

Description of Problem: TRC Requirements.

AMME Operator Instruction Manual Volume II, Chapter 4, Section 3, Page 3-3, Field 72-73, and Chapter 3, Section 1, Page 1-10, Para 1.3.7.

1. Based on the fact that TRC is automatically generated by AMME during RI/PLA table look up and reformatting to JANAP128, or at output of JANAP128. It is no longer required that operators assign TRC at message entry or from the MART inputs on DD173 or on JANAP128.

2. AMME complies with JANAP128(H), Para 702b for DD173 messages after reformatting and builds new headers and trailers for JANAP128 input messages prior to output (Routing), based on format line 7 and 8 Plain Language Addressee(s).

3. AMME and MART Operator Instructions must be updated to reflect current automatic TRC routing and validation.

CORRECTIVE ACTION: DATE:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Prescribing Directive: CCC-TED-75-TA-179)

Procedure:	Discrepancy No: 4.5-0072
Date: 16 FEB 79	Software XX
Location: SSC	Hardware
	Documentation
	Operator
	Other

Description of Problem: SRT OSU Input.

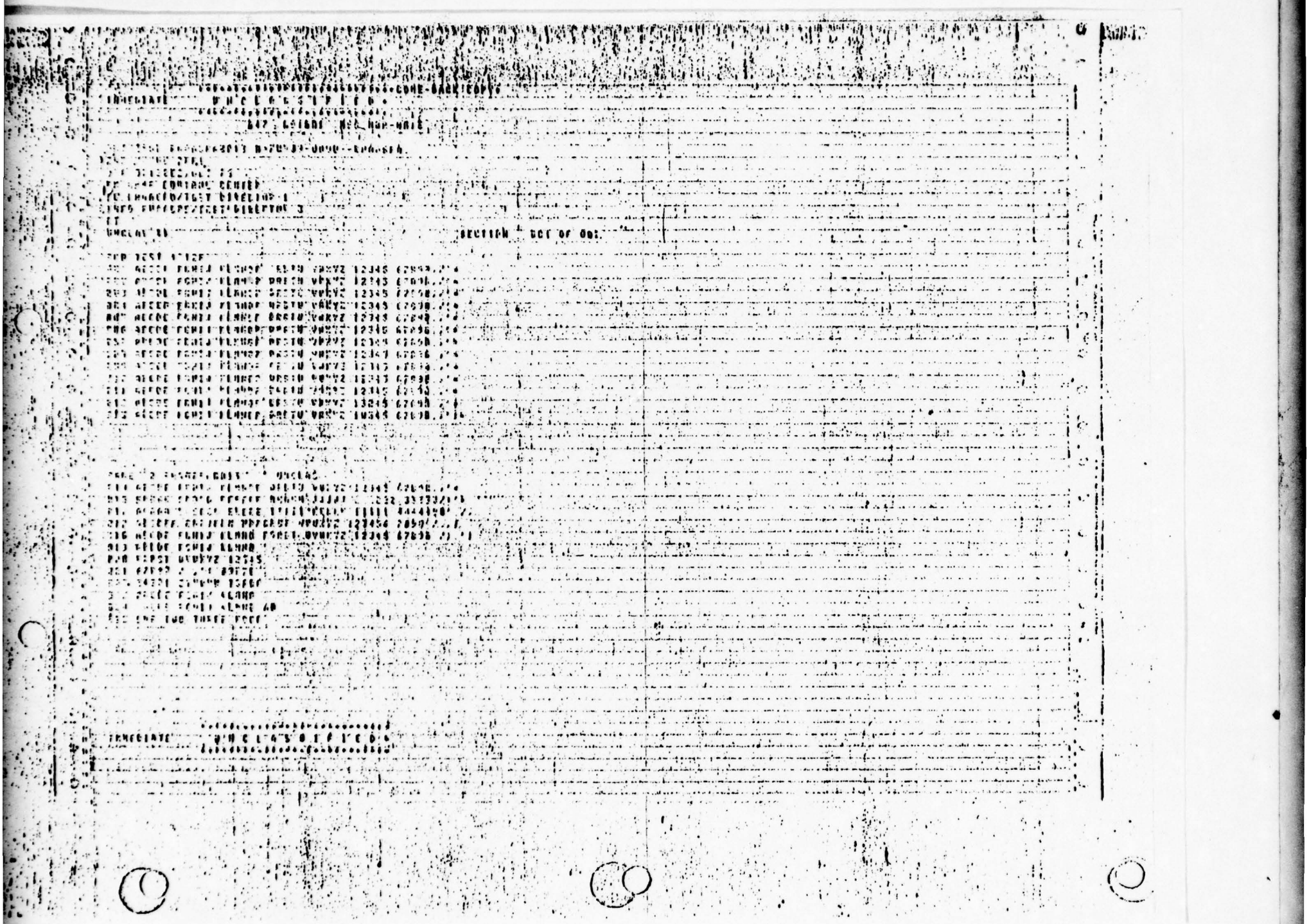
SRT deletes lines (50 - 64) and inserted blank lines between lines 42 - 43.

See attached comeback copy.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR



DISCREPANCY SHEET

(Prescribing Directive: CCC TED 75-T2-179)

Procedure:	Discrepancy No: 4.5-0073
Date: 16 FEB 79	Software SRT XX
Location: SSC	Hardware Documentation Operator Other

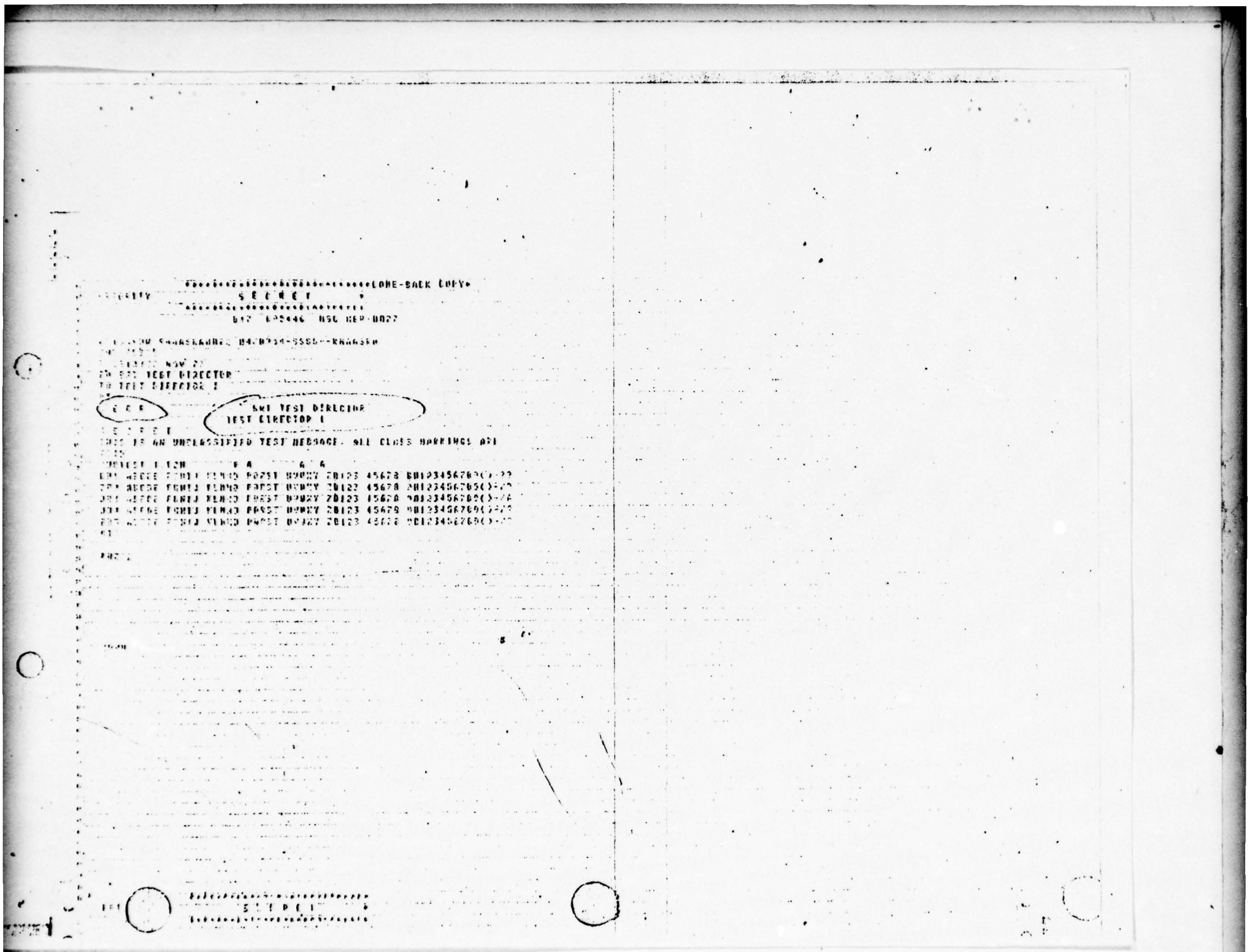
Description of Problem: SRT DD173 input.

DD 173 input is correct on input and in review mode on VDU. However, information output (ed) to AMME was captured on Data Scope with errors in Header. The same errors were captured on comeback copy after AMME reformatted. SB has the data on a cassette for your review. Attached is a copy of the comeback copy.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR



DISCREPANCY SHEET

(Prescribing Directive: SCC-TED-TP-79-172)

Procedure:	Discrepancy No: 4.5-0081
Date: 18 FEB 79	Software XX
Location: On Site Korea	Hardware Documentation Operator Other

Description of Problem: Two Section SPECAT Message.

Two section SPECAT message input from AMME message entry (CCVA): Section 1 not delivered. Section 2 garbled header. OSRI = RHAACVA0008 and 0009, JDA = 049. Unable to retrieve Section 1. Able to retrieve Section by pan 14.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC TED 75 TR 179)

Procedure:	Discrepancy No: 4.5-0085
Date: 24 MAR 79	Software
Location: HEIDELBERG	Hardware
	Documentation XX
	Operator
	Other

Description of Problem: THE OPERATOR MANUAL NEEDS TO BE CHANGED TO REFLECT THAT OTC, OVER THE COUNTER DEVICES, CANNOT BE ALT-ROUTED TO MINT.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: SCC TED 78 TP 179)

Procedure:	Discrepancy No: 4.5-0086
Date: 6 APR 79	Software XX
Location: HEIDELBERG	Hardware
	Documentation
	Operator
	Other

Description of Problem: THE SRT TRANSMITTED A CONTROL CHARACTER EMBEDDED IN A BLOCK OF DATA. THIS CAUSED THE SRT/AMME TO HANG UP WHEN THE MESSAGE COMEBACK COPY WAS TRANSMITTED FROM THE AMME TO THE SRT.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Prescribing Directive: OOC MED 75 TR 179)

Procedure:	Discrepancy No: 4.5-0087
Date: 6 APR 79	Software XX
Location: HEIDELBERG	Hardware Documentation Operator Other

Description of Problem: THE AMME OCCASIONALLY DUPLICATES DATA BEING RECEIVED FROM THE SRT.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC-TED-75-TR-179)

Procedure:	Discrepancy No: 4.5-0088
Date: 6 APR 79	Software XX
Location: HEIDELBERG	Hardware
	Documentation
	Operator
	Other

Description of Problem: A SECTIONED MESSAGE WAS SENT TO AMME FROM THE SRT. AFTER ACCEPTING MOST OF THE MESSAGE, AMME SENT A STEADY WBT TO THE SRT. AFTER THIS, AMME REACTED THE SAME TO ANY MESSAGE THAT WAS SENT FROM THE SRT. A RESTART WAS DONE TO RECOVER.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET

(Prescribing Directive: OOC TED 78 TR 179)

Procedure:	Discrepancy No: 4.5-00A9
Date: 6 APR 79	Software XX
Location: HEIDELBERG	Hardware
	Documentation
	Operator
	Other

Description of Problem: PORTIONS OF THE TEXT OF MESSAGES BEING TRANSMITTED FROM THE DCT 9000 PAPER TAPE READER APPEARED ON THE CONSOLE.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: SCC TED 75 TR 179)

Procedure:	Discrepancy No: 4.5-0090
Date: 5 APR 79	Software XX
Location: HEIDELBERG	Hardware
	Documentation
	Operator
	Other

Description of Problem: AMME DOES NOT PROVIDE SPACE FOR ENTERING THREE LINES OF HANDLING INSTRUCTIONS, FORMAT LINE 12. THREE LINES ARE REQUIRED TO PROCESS TRAFFIC AT HEIDELBERG.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC TED 75-78-179)

Procedure:	Discrepancy No: 4.5-0097
Date: 10 APR 79	Software
Location: HEIDELBERG	Hardware
	Documentation XX
	Operator
	Other

Description of Problem: TM ADVISORIES TM 24 THRU TM 29 ARE NOT IN THE AMME OPERATORS MANUAL

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC TED 78 TR 179)

Procedure:	Discrepancy No: 4.5-0092
Date: 10 APR 79	Software XX
Location: HEIDELBERG	Hardware Documentation Operator Other

Description of Problem: THE DCT-9000 GOES INTO A LOOP OCCASIONALLY WHILE TRANSMITTING AND RECEIVING CARD TRAFFIC. A MANUAL RESTART OF THE DCT-9000 IS REQUIRED TO CLEAR THIS CONDITION.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC TED 75 TR 179)

Procedure:	Discrepancy No: 4.5-0093
Date: 10 APR 79	Software XX
Location: HEIDELBERG	Hardware Documentation Operator Other

Description of Problem: THE DCT-9000 WAS REMOVED FROM THE PROCESSOR BY THE MUX SWITCH AND POWERED DOWN. THE AMME GAVE NO ADVISORY THAT THE DCT-9000 WAS UNAVAILABLE.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC-TED-75-78-179)

Procedure:	Discrepancy No: 4.5-0094
Date: 10 APR 79	Software XX
Location: HEIDELBERG	Hardware
	Documentation
	Operator
	Other

Description of Problem: SYSTEM ABORTS OCCASIONALLY DUE TO DOUBLE BUFFER RELEASE.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

DISCREPANCY SHEET
(Prescribing Directive: CCC-TED-75-TR-172)

Procedure:	Discrepancy No: 45-0095
Date: 16 APR 79	Software X
Location: HEIDELBERG	Hardware
	Documentation
	Operator
	Other

Description of Problem: There is NO AUDIT trail between DD-173 INPUT from the SRT and REJECT NOTICE ON the Service Printer.

Corrective Action: Date:

VENDOR TEST DIRECTOR

GOVERNMENT TEST DIRECTOR

HQ CEEIA CCC-TED-TS FM 27-R

AMME HARDWARE DISCREPANCIES

AT THE CONCLUSION OF THE HEIDELBERG AMME SYSTEM TEST, THE FOLLOWING DISCREPANCIES WERE OUTSTANDING AND REFERRED TO UNIVAC FOR RESOLUTION:

1. RPQ W2409 IS MISSING ON ALL U200 SCOPES
2. THE DCT-9000 CARD PUNCH, OCCA DOES NOT NOTCH TRAILER CARDS. THE EDGE NOTCH FEATURE IS MISSING.
3. THE SIDE PANEL, SN F1167R, OF THE DCT-9000 CARD PUNCH, OCCA, CANNOT BE INSTALLED. THE WRONG ONE WAS SHIPPED. THE CORRECT ONE IS ON ORDER.
4. THE KLEINSCHMIDT ADAPTER FOR THE DCT-9000 PAPER TAPE READER HAS NOT BEEN DELIVERED.

INCL 3

AMME SYSTEM DEFICIENCIES

DURING THE HEIDELBERG AMME SYSTEM TEST, THE FOLLOWING DEFICIENCIES WERE NOTED AND REFERRED TO THE PROJECT MANAGER FOR RESOLUTION:

1. THE SIDE PANEL OF THE 9400 HIGH SPEED PRINTER, SN 37E, IS BUCKELED AND BENT AT THE BOTTOM.
2. THE LOWER PANEL OF THE DLT-70, SN 346, IS DAMAGED.
3. THE LOWER PANEL IS MISSING FROM THE DCT-9000, SN 2427R.
4. THERE ARE NO MAINTENANCE DIAGNOSTICS AVAILABLE WITH THE 9400 PROCESSOR FOR THE DLT-70.
5. THE LOWER PANEL FOR THE 9400 UNISERVO 16, SN F4839, WAS DAMAGED.

INCL 4

SW

CHECKED BOI APPLIES ☒ ORDER FOR SUPPLIES OR SERVICES ☐ REQUEST FOR QUOTATIONS NO. RETURN COPY(IES) OF THIS QUOTE BY (THIS IS NOT AN ORDER. See DD Form 1155r)

PAGE 1 OF 7

1. CERTIFIED FOR NATIONAL DEFENSE UNDER DMS REG 1 — DO A7

CONTRACT NO.	2. DELIVERY ORDER NO.	3. DATE OF ORDER	4. REQUISITION/PURCHASE REQUEST NO.
GS-00C-00056	DAAB07-78-F-0487	78 JUL 19	SEE SCHEDULE

5. ISSUED BY: COMMUNICATIONS & ADP PROCUREMENT BRANCH, DIRECTORATE OF PROCUREMENT, CERCOM, FT MONMOUTH, NJ 07703; Buyer/Symbol: Mr. W. Wood/ DRSEL-PC-C-CA-1(W00) Phone: 201-532-5648 — CODE W15P7T

6. ADMINISTERED BY: See Block 16 below. — CODE

7. DELIVERY FOR: ☐ DEST ☐ OTHER (See Schedule or Other)

8. CONTRACTOR/OFFEROR — CODE 01749 — FACILITY CODE

NAME AND ADDRESS
SPERRY UNIVAC
FEDERAL SYSTEMS
2121 Wisconsin Avenue NW
Washington, D.C. 20007

9. DELIVER TO FOB POINT BY: SEE SCHEDULE

10. DISCOUNT TERMS: See Block 15 below.

11. MARK INVOICES TO: SEE SCHEDULE

12. SMALL BUSINESS: ☐

13. SHIP TO — CODE — SEE SCHEDULE Note No. 2

14. PAYMENT WILL BE MADE BY — CODE W15P7T
FINANCE & ACCOUNTING OFFICE
ATTN: DRSEL-CP-FA-JDE
Fort Monmouth, NJ 07703

MARK ALL PACKAGES AND PAPERS WITH CONTRACT OR ORDER NUMBER

15. TYPE OF ORDER: DELIVERY [X] PURCHASE [ ]

This delivery order is subject to instructions contained on this side of form only and is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.

Reference your , furnish the following on terms specified herein, including, for U. S. purchases, General Provisions of Purchase Order on DD Form 1155r (EXCEPT CLAUSE NO. 13 APPLIES ONLY IF THIS BOX ☐ IS CHECKED, AND NO. 15 IF THIS BOX ☐ IS CHECKED) special provisions ; and delivery as indicated. This purchase is negotiated under authority of 10 USC 2304(a)(3) or as specified in the schedule if within the U. S., its possessions or Puerto Rico; if otherwise, under 2304(a)(6).

☐ If checked, Additional General Provisions apply; Supplier shall sign "Acceptance" on DD Form 1155r and return ... signed.

16. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE

ACRN: AA 21T2035 TA3 & 281 P5210-3112 S28043T89762 - $1,244,073.00

17. ITEM NO.	18. SCHEDULE OF SUPPLIES/SERVICES		19. QUANTITY ORDERED/ ACCEPTED*	20. UNIT	21. UNIT PRICE	22. AMOUNT
0001	Purchase of AMME Equipment for the Heidelberg Site as listed in SUBLINs 0001AA through 0001CP, below:					
	Following SUBLINs from Contract Exhibit B-1	FEATURE				
0001AA	U-9400 PROC/CON	3019-00	2	ea	$33,280.00	$66,560.
0001AB	Storage 196K	7010-75	2	ea	250,841.00	501,682.
0001AC	Storage Exp. 65K (196-262)	7010-72	2	ea	46,272.00	92,544.
0001AD	Selector Channel 1	F1092-00	2	ea	7,830.00	15,660.

23. TOTAL $1,244,073.

24. UNITED STATES OF AMERICA — BY: JACKIE A. HUGHES, Captain, Signal Corps — CONTRACTING/ORDERING OFFICER

25. DIFFERENCES

26. QUANTITY IN COLUMN 19 HAS BEEN ☐ INSPECTED ☐ RECEIVED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

DATE — SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

27. INITIALS

28. VOUCHER NO. — ☐ PARTIAL ☐ FINAL

29. S/R VOUCHER NO.

30. PAID BY

31. AMOUNT VERIFIED CORRECT FOR

32. PAYMENT: ☐ COMPLETE ☐ PARTIAL ☐ FINAL

33. CHECK NUMBER

34. BILL OF LADING NO.

STANDARD FORM 36, JULY 1966
GENERAL SERVICES ADMINISTRATION
FED PROC REG (41 CFR) 1-16.101

CONTINUATION SHEET

REF NO OF DOC BEING CONT'D
Contract No. GS-00C-00058
DO No. DAAB07-76-F-0487

PAGE 2 OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUN
	Following SUBLINs from Contract Exhibit B-1 (Cont'd)	FEATURE				
0001AE	Selector Channel 2	F1092-01	2	ea	$ 7,830.00	$ 15,66
0001AF	Comm Adapter	F1093-00	2	ea	1,960.00	3,92
0001AG	DLT-70 Autodin I/F	8573-00	2	ea	28,800.00	57,60
0001AH	AUX Table	F1396-00	10	ea	125.00	1,25
0001AJ	Uniservo 16 Control	5017-00	1	ea	22,825.00	22,82
0001AK	Dual Access Operation	F0899-99	1	ea	17,866.00	17,86
0001AL	Dual Channel	F0825-00	2	ea	3,700.00	7,40
0001AM	Uniservo 16 (9 Track)	0862-04	9	ea	19,609.00	176,48
0001AN	U-16 Dual Access/Simultaneous	F1319-00	9	ea	2,284.00	20,55
0001AP	Dual Access I/F	C1609-02	9	ea	NC	NC
0001AQ	U-16 Dual Density (9-Trk NRZI)	F0937-01	2	ea	2,448.00	4,89
0001AR	Line Terminal Control 16	8575-01	2	ea	22,185.00	44,37
0001AS	Longitudinal, RED, Check	F1008-00	2	ea	1,735.00	3,47
0001AT	Line Term Synchronous (2 Spare)	F1005-98	21	ea	2,375.00	49,87
0001AU	CI 205B (MIL 188)	F1002-08	21	ea	565.00	11,86
0001AV	Dir Conn Module	8543-00	30 44	ea	600.00	18,00
0001AW	DCT 9000 III Proc Printer	3030-99	1	ea	32,500.00	32,50
0001AX	Storage, 8K Bytes	7007-08	1	ea	24,390.00	24,39
0001AY	Selector Mux/Channel	F1104-00	1	ea	3,330.00	3,33
0001AZ	9300 Channel Adapter	F1001-00	1	ea	3,700.00	3,70
0001BA	Card Reader	0711-00	1	ea	4,970.00	4,97
0001BB	Multi-Strobe Read	F1097-00	1	ea	1,145.00	1,14
0001BC	Card Punch	0604-00	1	ea	9,920.00	9,92
0001BD	Edge Notch	F1174-00	1	ea	1,400.00	1,40
0001BE	Paper Tape Control	0920-02	1	ea	7,540.00	7,54
0001BF	Paper Tape Reader	F1033-02	1	ea	1,600.00	1,60
0001BG	Paper Tape Punch	F1032-02	1	ea	5,480.00	5,48
0001BH	Printer and Control	0768-02	1	ea	46,545.00	46,54
0001BJ	Print Selection	C1508-02	1	ea	NC	NC
0001BK	Card Reader 9400	0711-05	1	ea	8,265.00	8,26
0001BL	Validity Check	F1177-00	1	ea	720.00	72
0001BM	Card Punch	0604-00	1	ea	9,920.00	9,92
0001BN	Edge Notch	F1174-00	1	ea	1,400.00	1,40
0001BP	Dual Density (9TRK-NRZI	F0826-00	2	ea	4,785.00	9,57
						$1,304,9
	SLINs 0001AA through 0001BP-List Price (Table B-1)					
	35% Discount:					456.7
	Net:					$848,1

STANDARD FORM 3c. JULY 1966 GENERAL SERVICES ADMINISTRATION FED PROC REG (41 CFR) 1-16.101	CONTINUATION SHEET	REF NO OF DOC BEING CONTD Contract No. GS-00C-00058 DO No. DAAB07-78-F-0487	PAGE 3 OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Following SUBLINs from Contract Exhibit B-2B	FEATURE				
0001BQ	Tempest Kits, 5024-99/8425	RPQ-W2351	2	ea	$ 2,300.00	$ 4,600.
0001BR	U-200 Tempest Kit	RPQ-W2409	8	ea	2,588.00	20,704.
0001BS	CMA Tempest Kit	RPQ-W2528	2	ea	748.00	1,496.
0001BT	Kleinschmidt Paper Tape Reader Adapter	RPQ-W2407	1	ea	175.00	175.
0001BU	Kleinschmidt Punch Adapter	RPQ-W1533	1	ea	275.00	275.
	SLINs 0001BQ through 0001BU-List Price (Table B-2B, No Discount):					$27,250.
	Following SUBLINs from Contract Exhibit B-2C					
0001BV	Peripheral Switch, R52561/RPQ (Electrical Transfer W2467 Switch) SLIN 0001 - (Table B-2C, No Discount)		1	ea	39,330.00	39,330.
						$39,330.
	Following SUBLINs from Contract Exhibit B-4A	FEATURE				
0001BW	8425 Disk Control	5024-99	2	ea	48,348.00	96,696.
0001BX	Dual Channel Control	F1043-00	2	ea	3,700.00	7,400.
0001BY	Disc Drive	8425-00	4	ea	14,940.00	59,760.
0001BZ	Dual Access Disk Drives	F2001-00	4	ea	2,268.00	9,072.
0001CA	Disk Pack	F1214-01	20	ea	375.00	7,500.
0001CB	Dual Channel	F1012-00	2	ea	3,885.00	7,770.
	SLINs 0001BW through 0001CB-List Price (Table B-4A):					$188,198.
		25% Discount:				47,049
		Net:				$141,149.
	Following SUBLINs from Contract Exhibit B-4B	FEATURE				
0001CC	U-200 Video Display Unit	3542-99	8	ea	4,278.00	34,224
0001CD	24 X 80 Screen Protected Format	C2045-03	8	ea	NC	NC
0001CE	Keyboard	F1844-08	8	ea	547.00	4,376
0001CF	96 Character Expansion	F2044-01	8	ea	779.00	6,232
0001CG	Sync. I/F	F1245-01	8	ea	519.00	4,152
0001CH	Mil 188 I/F	C1468-02	8	ea	NC	NC
0001CJ	CMA Modules (2 Spare)	F2382-00	10	ea	1,200.00	12,000
0001CK	CMA Cabinet & 1st CMA (RPQ W-2457)	8592-00	2	ea	3,500.00	7,000
0001CL	CAU/8 Bit MIL 188 I/F (2 Spare)	C2383-01	12	ea	NC	NC
0001CM	DCT 9000 Storage Exp 4K (8-12K)	F0890-03	1	ea	15,120.00	15,120

STANDARD FORM 36, JULY 1966
GENERAL SERVICES ADMINISTRATION
FED PROC REG 141 CFR) 1-16.101

CONTINUATION SHEET

REF NO OF DOC BEING CONTD: Contract No. GS-00C-00058 / DO No. DAA307-78-F-0487

PAGE 4 OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	RPQ ITEMS					
		FEATURE				
CN	Red and Black Site Installation	RPQ-5001-22	1	ea	$4,900.00	$4,900
CP	Cables, 50 ft.	287-1358	8	ea	29.25	234
					SUBTOTAL	$5,134
0002	Seven months of Full Period Maintenance (FPM)					

SW

CHECKED IF APPLIES ☒ ORDER FOR SUPPLIES OR SERVICES ☐ REQUEST FOR QUOTATIONS NO. RETURN COMPLETED OF THIS QUOTE BY (THIS IS NOT AN ORDER. See DD Form 1155r) PAGE 1 OF 7

1. CONTRACT/PURCHASE ORDER NO. GS-00C-00058 | 2. DELIVERY ORDER NO. DAAB07-78-F-0487 | 3. DATE OF ORDER 78 JUL 19 | 4. REQUISITION/PURCHASE REQUEST NO. SEE SCHEDULE | 5. CERTIFIED FOR NATIONAL DEFENSE UNDER DMS REG DO A7

6. ISSUED BY: COMMUNICATIONS & ADP PROCUREMENT BRANCH, DIRECTORATE OF PROCUREMENT, CERCOM, FT MONMOUTH, NJ 07703; Buyer/Symbol: Mr. W. Wood/ DRSEL-PC-C-CA-1(WOO) Phone: 201-532-5648 CODE W15P7T

7. ADMINISTERED BY: (If other than 6) CODE See Block 16 below.

8. DELIVERY FOR ☐ DEST ☐ OTHER (See Schedule if other)

9. CONTRACTOR/OFFEROR CODE 01749 FACILITY CODE

NAME AND ADDRESS
SPERRY UNIVAC
FEDERAL SYSTEMS
2121 Wisconsin Avenue NW
Washington, D.C. 20007

10. DELIVER TO FOB POINT BY: SEE SCHEDULE

11. CHECK IF SMALL BUSINESS ☐

12. DISCOUNT TERMS See Block 15 below.

13. MAIL INVOICES TO: SEE SCHEDULE

14. SHIP TO: SEE SCHEDULE Note No. 2

15. PAYMENT WILL BE MADE BY: CODE W15P7T
FINANCE & ACCOUNTING OFFICE
ATTN: DRSEL-CP-FA-JDE
Fort Monmouth, NJ 07703

MARK ALL PACKAGES AND PAPERS WITH CONTRACT OR ORDER NUMBER

16. TYPE OF ORDER
DELIVERY: X — This delivery order is subject to instructions contained on this side of form only and is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.
PURCHASE: — Reference your _____, furnish the following on terms specified herein, including, for U. S. purchases, General Provisions of Purchase Order on DD Form 1155r (EXCEPT CLAUSE NO. 13 APPLIES ONLY IF THIS BOX ☐ IS CHECKED, AND NO. 15 IF THIS BOX ☐ IS CHECKED) special provisions _____; and delivery as indicated. This purchase is negotiated under authority of 10 USC 2304(a)(3) or as specified in the schedule if within the U. S., its possessions or Puerto Rico; if otherwise, under 2304(a)(6).
☐ If checked, Additional General Provisions apply; Supplier shall sign "Acceptance" on DD Form 1155r and return _____ copies.

17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE
ACRN: AA 21T2035 TA3 & 281 P5210-3112 S2804-3T89762 - $1,244,073.00

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/SERVICES		20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
0001	Purchase of AMVF Equipment for the Heidelberg Site as listed in SUBLINs 0001AA through 0001CP, below:					
	Following SUBLINs from Contract Exhibit B-1	FEATURE				
0001AA	U-9400 PROC/CON	3019-00	2	ea	$33,280.00	$66,560.00
0001AB	Storage 196K	7010-75	2	ea	250,841.00	501,682.00
0001AC	Storage Exp. 65K (196-262)	7010-72	2	ea	46,272.00	92,544.00
0001AD	Selector Channel 1	F1092-00	2	ea	7,830.00	15,660.00

*If quantity accepted by the Government is same as quantity ordered, indicate by ✓ mark. If different, enter actual quantity accepted below quantity ordered and initial.

24. UNITED STATES OF AMERICA BY JACKIE A. HUGHES Captain, Signal Corps CONTRACTING/ORDERING OFFICER

25. TOTAL $1,244,073.00

26. QUANTITY IN COLUMN 20 HAS BEEN ☐ INSPECTED ☐ RECEIVED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

DATE — SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

27. PARTIAL ☐ FINAL

28. PAYMENT ☐ COMPLETE ☐ PARTIAL ☐ FINAL

29. I HEREBY CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.
SIGNATURE AND TITLE OF CERTIFYING OFFICER

30. D.V. VOUCHER NO.

31. PAID BY

32. AMOUNT VERIFIED CORRECT FOR

33. PAYMENT ☐ COMPLETE ☐ PARTIAL ☐ FINAL

34. CHECK NUMBER

35. BILL OF LADING NO.

36. RECEIVED AT | 37. RECEIVED BY | 38. DATE RECEIVED | 39. TOTAL CONTAINERS | 40. S/R ACCOUNT NUMBER | 41. S/R VOUCHER NO.

STANDARD FORM 36, JULY 1966
GENERAL SERVICES ADMINISTRATION
FED PROC REG 1-1 (FPR) 1-16.104

CONTINUATION SHEET

REF NO OF DOC BEING CONT'D
Contract No. GS-00C-00058
DO No. DAAB07-78-F-0487

PAGE 2 OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Following SUBLINs from Contract Exhibit B-1 (Cont'd)	FEATURE				
0001AE	Selector Channel 2	F1092-01	2	ea	$ 7,830.00	$ 15,66
0001AF	Comm Adapter	F1093-00	2	ea	1,960.00	3,92
0001AG	DLT-70 Autodin I/F	8573-00	2	ea	28,800.00	57,60
0001AH	AUX Table	F1396-00	10	ea	125.00	1,25
0001AJ	Uniservo 16 Control	5017-00	1	ea	22,825.00	22,82
0001AK	Dual Access Operation	F0899-99	1	ea	17,866.00	17,86
0001AL	Dual Channel	F0825-00	2	ea	3,700.00	7,40
0001AM	Uniservo 16 (9 Track)	0862-04	9	ea	19,609.00	176,48
0001AN	U-16 Dual Access/Simultaneous	F1319-00	9	ea	2,284.00	20,55
0001AP	Dual Access I/F	C1609-02	9	ea	NC	NC
0001AQ	U-16 Dual Density (9-Trk NRZI)	F0937-01	2	ea	2,448.00	4,89
0001AR	Line Terminal Control 16	8575-01	2	ea	22,185.00	44,37
0001AS	Longitudinal, RED, Check	F1008-00	2	ea	1,735.00	3,47
0001AT	Line Term Synchronous (2 Spare)	F1005-98	21	ea	2,375.00	49,87
0001AU	CI 205B (MIL 188)	F1002-08	21	ea	565.00	11,86
0001AV	Dir Conn Module	8543-00	30 44	ea	600.00	18,00
0001AW	DCT 9000 III Proc Printer	3030-99	1	ea	32,500.00	32,50
0001AX	Storage, 8K Bytes	7007-08	1	ea	24,390.00	24,39
0001AY	Selector Mux/Channel	F1104-00	1	ea	3,330.00	3,33
0001AZ	9300 Channel Adapter	F1001-00	1	ea	3,700.00	3,70
0001BA	Card Reader	0711-00	1	ea	4,970.00	4,97
0001BB	Multi-Strobe Read	F1097-00	1	ea	1,145.00	1,14
0001BC	Card Punch	0604-00	1	ea	9,920.00	9,92
0001BD	Edge Notch	F1174-00	1	ea	1,400.00	1,40
0001BE	Paper Tape Control	0920-02	1	ea	7,540.00	7,54
0001BF	Paper Tape Reader	F1033-02	1	ea	1,600.00	1,60
0001BG	Paper Tape Punch	F1032-02	1	ea	5,480.00	5,48
0001BH	Printer and Control	0768-02	1	ea	46,585.00	46,58
0001BJ	Print Selection	C1508-02	1	ea	NC	NC
0001BK	Card Reader 9400	0711-05	1	ea	8,265.00	8,26
0001BL	Validity Check	F1177-00	1	ea	720.00	72
0001BM	Card Punch	0604-00	1	ea	9,920.00	9,92
0001BN	Edge Notch	F1174-00	1	ea	1,400.00	1,40
0001BP	Dual Density (9TRK-NRZI	F0826-00	2	ea	4,785.00	9,57
						$1,304,07
	SLINs 0001AA through 0001BP-List Price (Table B-1)					
	35% Discount:					456.70
	Net:					$848,16

STANDARD FORM 3c, JULY 1966 GENERAL SERVICES ADMINISTRATION FED PROC REG (41 CFR) 1-16.101	CONTINUATION SHEET	REF NO OF DOC BEING CONTD Contract No. GS-00C-00058 DO No. DAAB07-78-F-0487	PAGE 3 OF 7

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO	SUPPLIES/SERVICES		QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Following SUBLINs from Contract Exhibit B-2B	FEATURE				
0001BQ	Tempest Kits, 5024-99/8425	RPQ-W2351	2	ea	$ 2,300.00	$ 4,600.00
0001BR	U-200 Tempest Kit	RPQ-W2409	8	ea	2,588.00	20,704.00
0001BS	CMA Tempest Kit	RPQ-W2528	2	ea	748.00	1,496.00
0001BT	Kleinschmidt Paper Tape Reader Adapter	RPQ-W2407	1	ea	175.00	175.00
0001BU	Kleinschmidt Punch Adapter	RPQ-W1533	1	ea	275.00	275.00
	SLINs 0001BQ through 0001BU-List Price (Table B-2B, No Discount):					$27,250.00
	Following SUBLINs from Contract Exhibit B-2C					
0001BV	Peripheral Switch, R52561/RPQ (Electrical Transfer W2467 Switch) SLIN 0001 - (Table B-2C, No Discount)		1	ea	39,330.00	39,330.00
						$39,330.00
	Following SUBLINs from Contract Exhibit B-4A	FEATURE				
0001BW	8425 Disk Control	5024-99	2	ea	48,348.00	96,696.00
0001BX	Dual Channel Control	F1043-00	2	ea	3,700.00	7,400.00
0001BY	Disc Drive	8425-00	4	ea	14,940.00	59,760.00
0001BZ	Dual Access Disk Drives	F2001-00	4	ea	2,268.00	9,072.00
0001CA	Disk Pack	F1214-01	20	ea	375.00	7,500.00
0001CB	Dual Channel	F1012-00	2	ea	3,885.00	7,770.00
	SLINs 0001BW through 0001CB-List Price (Table B-4A):					$188,198.
		25% Discount:				47,049.
		Net:				$141,149.
	Following SUBLINs from Contract Exhibit B-4B	FEATURE				
0001CC	U-200 Video Display Unit	3542-99	8	ea	4,278.00	34,224.
0001CD	24 X 80 Screen Protected Format	C2045-03	8	ea	NC	NC
0001CE	Keyboard	F1844-08	8	ea	547.00	4,376.
0001CF	96 Character Expansion	F2044-01	8	ea	779.00	6,232.
0001CG	Sync. I/F	F1245-01	8	ea	519.00	4,152.
0001CH	Mill 188 I/F	C1468-02	8	ea	NC	NC
0001CJ	CMA Modules (2 Spare)	F2382-00	10	ea	1,200.00	12,000.
0001CK	CMA Cabinet & 1st CMA (RPQ W-2457)	8592-00	2	ea	3,500.00	7,000.
0001CL	CAU/8 Bit MIL 188 I/F (2 Spare)	C2383-01	12	ea	NC	NC
0001CM	DCT 9000 Storage Exp 4K (8-12K)	F0890-03	1	ea	15,120.00	15,120.
	SLINs 0001CC through 0001CM (List Price (Table B-4B):					$63,104.

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES			QUANTITY	UNIT	UNIT PRICE	AMOUNT
	RPQ ITEMS						
			FEATURE				
CN	Red and Black Site Installation		RPQ-5001-22	1	ea	$4,900.00	$4,900.
CP	Cables, 50 ft.		287-1358	8	ea	29.25	234.
						SUBTOTAL	$5,134.
0002	Seven months of Full Period Maintenance (FPM) of AMME System (Heidelberg Site) as set forth in SUBLINs 0002AA through 0002CP below, starting on or about 1 January 1979:						
		TABLE B-1	FEATURE	QUANTITY			
0002AA	U-9400 PROC/CON		3019-00	2	7	Mo's. $ 422.00	$ 2,954.
0002AB	Storage 196K		7010-75	2	7	" 3,006.00	21,042.
0002AC	Storage Exp, 65K (196-262)		7010-72	2	7	" 458.00	3,206.
0002AD	Selector Channel 1		F1092-00	2	7	" 94.00	658.
0002AE	Selector Channel 2		F1092-01	2	7	" 94.00	658.
0002AF	Comm Adapter		F1093-00	2	7	" 14.00	98.
0002AG	DLT-70 Autodin I/F		8573-00	2	7	" 190.00	1,330
0002AH	Aux Table		F1396-00	10	7	" NC	NC
0002AJ	Uniservo 16 Control		5017-00	1	7	" 147.00	1,029
0002AK	Dual Access Operation		F0899-99	1	7	" 116.00	812
0002AL	Dual Channel		F0825-00	2	7	" 44.00	308
0002AM	Uniservo 16 (9 Track)		0862-04	9	7	" 4,131.00	28,917
0002AN	U-16 Dual Access/ Simultaneous		F1319-00	9	7	" 459.00	3,213
0002AP	Dual Access I/F		C1609-02	9	7	" NC	NC
0002AQ	U-16 Dual Density (9-Trk NRZI)		F0937-01	2	7	" 102.00	714
0002AR	Line Terminal Control 16		8575-01	2	7	" 282.00	1,974
0002AS	Longitudinal Red, Check		F1008-00	2	7	" 18.00	126
0002AT	Line Term Synchronous (2 Spare)		F1005-98	21	7	" 1,197.00	8,379
0002AU	CI 205B (MIL 188)		F1002-08	21	7	" 273.00	1,911
0002AV	Dir Conn Module		8543-00	30	7	" NC	NC
0002AW	DCT 9000 III PROC Printer		3030-99	1	7	" 306.00	2,142
0002AX	Storage, 8K Bytes		7007-08	1	7	" 81.00	567
0002AY	Selector Mux/Channel		F1104-00	1	7	" 14.00	98
0002AZ	9300 Channel Adapter		F1001-00	1	7	" 21.00	147
0002BA	Card Reader		0711-00	1	7	" 57.00	399
0002BB	Multi-Strobe Read		F1097-00	1	7	" 7.00	49
0002BC	Card Punch		0604-00	1	7	" 141.00	987
0002BD	Edge Notch		F1174-00	1	7	" NC	NC
0002BE	Paper Tape Control		0920-02	1	7	" 39.00	273
			F1033-02	1	7	" 23.00	161

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES			QUANTITY	UNIT	UNIT PRICE	AMOUNT
		FEATURE	QUANTITY				
0002BJ	Print Selection, 96 Character ASC II	C1508-02	1	7	"	NC	NC
0002BK	Card Reader 9400	0711-05	1	7	"	$ 117.00	$ 819
0002BL	Validity Check	F1177-00	1	7	"	NC	NC
0002BM	Card Punch	0604-00	1	7	"	141.00	987
0002BN	Edge Notch	F1174-00	1	7	"	NC	NC
0002BP	Dual Density (9 Trk-NRZI)	F0826-00	2	7	"	44.00	308
	TABLE B-23						
0002BQ	Tempest Kits, 5024-99/8425	RPQ-W2351	2	7	"	NC	NC
0002BR	U-200 Tempest Kit	RPQ-W2409	8	7	"	NC	NC
0002BS	CMA Tempest Kit	RPQ-W2528	10	7	"	NC	NC
0002BT	Kleinschmidt Paper Tape Reader Adapter	RPQ-W2407	1	7	"	NC	NC
0002BU	Kleinschmidt Punch Adapter	RPQ-W1533	1	7	"	NC	NC
	TABLE B-2C	FEATURE	QUANTITY				
0002BV	Peripheral Switch (Electronic Transfer Switch))	R52561/ RPQ W2467	1	7	"	121.00	847
	TABLE B-4A						
		FEATURE	QUANTITY				
0002BW	8425 Disk Control	5024-99	2	7	"	910.00	6,37(
0002BX	Dual Channel Control	F1043-00	2	7	"	44.00	30(
0002BY	Disc Drive	8425-00	4	7	"	496.00	3,47(
0002BZ	Dual Access Disk Drives	F2001-00	4	7	"	56.00	39(
0002CA	Disc Pack	F1214-01	20	7	"	NC	NC
0002CB	Dual Channel	F1012-00	2	7	"	50.00	35
	TABLE B-4B	FEATURE	QUANTITY				
0002CC	U-200 Video Display Unit	3542-99	8	7	"	424.00	2,968
0002CD	24 X 80 Screen Protected	C2045-03	8	7	"	NC	NC
0002CE	Keyboard	F1844-06	8	7	"	16.00	112
0002CF	96 Character Expansion	F2044-01	8	7	"	NC	NC
0002CG	Sync. I/F	F1245-01	8	7	"	56.00	392
0002CH	Mill 188 I/F	C1468-02	8	7	"	NC	NC
0002CJ	CMA Modules (2 Spare)	F2382-00	10	7	"	32.00	224
0002CK	CMA Cabinet & 1st CMA (RPQ W-2457)	8592-00	2	7	"	32.00	224
0002CL	CAU/8 Bit MIL 188 I/F (2 Spare)	C2383-01	12	7	"	NC	NC
0002CM	DCT 9000 Storage Exp 4K (8-12K)	F0890-03	1	7	"	29.00	203

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	Maintenance outside of Full Period Maintenance on an on-call basis.	111	hrs.	$36.00	$3,996.0

All above CLINs chargeable to the following Administrative Data:

PRON: 18-T-89762-18-CA/01 IPD: 02
ACRN: AA

NOTES:

1. Delivery Schedule:

CLIN 0001 - 10 Months after Contractor's receipt of Delivery Order, Governm desires earlier deliveries, if possible. Contractor shall atte to deliver within 3 months after receipt of order.

CLIN 0002 - Maintenance to start on or about 1 January 1979.

CLIN 0003 - As called for after installation and acceptance of CLIN 0001.

2. Shipping Instructions:

Contractor shall ship all components to Sperry Univac Plant, Bristol, Tenne for Packing and Packaging, then components shall be shipped by Army Truck to McGhee Tyson AFB----Knoxville, TN. All cartons shall be marked for -

43D Signal Battalion
Campbell Barracks
ATTN: CCE-Y-HO
Building 22, Heidelberg, FRG
M/F: 5th Signal Command
Taukehen Barracks, Worms
FRG POI 50T05134PT003 (DoDAAC:WK4FJS)

3. FOB: CLIN 0001 - ORIGIN
CLIN 0002 - DESTINATION
CLIN 0003 - DESTINATION

STANDARD FORM 3c. JULY 1966 GENERAL SERVICES ADMINISTRATION FED PROC REG 101 CFR 1-16 101	CONTINUATION SHEET	REF NO OF DOC BEING CONT'D Contract No. GS-00C-00058 DO No. DAAB07-78-F-0487	PAGE 7 OF

NAME OF OFFEROR OR CONTRACTOR
SPERRY UNIVAC, Federal Systems

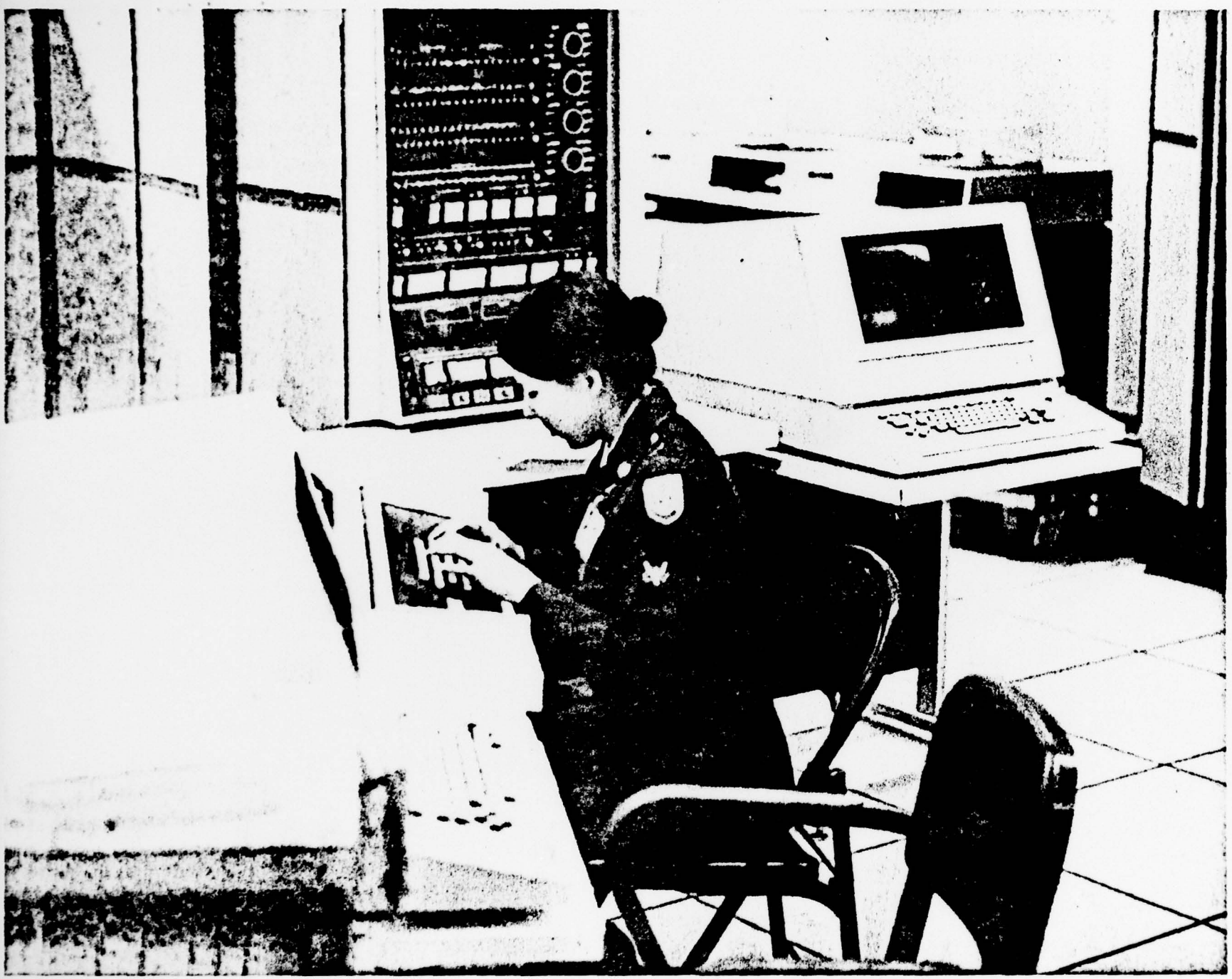
ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT

NOTES (Cont'd)

4. The Government waives compliance with tempest qualification of the above equ ment (CLIN 0001) as required by paragraph 4.3.3 of the contract specificatic until 31 May 1979 (Subject to Government meeting document review schedules). All other rights and remedies of the Government in connection with the afore mentioned delay in tempest qualification, including all rights to damages by reason thereof, whether provided by law or under the contract, are reserved.

5. Payment Discount. The following payment discount applies to CLIN 0001: 2% with 20 days after receipt of invoice. Terms for CLINs 0002 and 0003 are NE

UNIVAC



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