

ANNEX M

SYSTEM MANPRINT MANAGEMENT PLAN
(SMMP)

**SYSTEM MANPRINT MANAGEMENT PLAN
(SMMP)**

FOR THE

**CORPS OF ENGINEERS ENTERPRISE MANAGEMENT
INFORMATION SYSTEM
(CEEMIS)**

VERSION NO:000 1

APPROVAL DATE: TBD

SIGNATURES

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Approval Date

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Approval Date

CEEMIS
System MANPRINT Management Plan (SMMP)

Preliminary Draft
ABSTRACT

This System Manpower and Personnel Integration (MANPRINT) Management Plan (SMMP) addresses the requirements for the Corps of Engineers Enterprise Management Information System (CEEMIS). It will also be the basis for MANPRINT functions associated with the technical architectures (hardware, system software, and communications).

This document may appear redundant, but the reuse of the MANPRINT domains are necessary within the context of two different concerns, Deficiencies and/or Lessons Learned of the Predecessor System (Section 3) and MANPRINT Goals and Constraints (Section 4).

This preliminary draft is developed for use by the MANPRINT Joint Working Group (MJWG). The MJWG will provide the necessary details to "finalize" the requirements for a final draft.

**CEEMIS
SYSTEM MANPRINT MANAGEMENT PLAN (SMMP)**

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SECTION 1.0 SYSTEM INFORMATION

1.1 System Description. CEEMIS was approved initially as a replacement to the existing upward reporting capabilities in the Corps of Engineers Management Information System (COEMIS)-Finance and Accounting (F&A) automated information system (AIS). As a consequence of this relationship, COEMIS-F&A funds were initially used to develop CEEMIS. The CEEMIS design will serve as a corporate-level database ensuring the timeliness and integrity of financial data and providing simple access to one common location for all Corps financial reports, execution data, and managerial performance indicators.

CEEMIS will provide the capability for sites to generate and submit financial reports via database table-to-table transfers without the need for data files or human intervention. Reports will be generated directly from CEEMIS databases; data is edited and reconciled, thus providing data integrity and consistency.

This system will be designed to provide essential and accurate data. It will significantly speed up the flow of complete and accurate electronic upward reported financial information transactions through its mechanized pipeline, while eliminating the paper flow of hard copy vouchers and reports from financial reporting to accountable centers. CEEMIS will provide visibility to all CE activities while significantly reducing operating costs.

CEEMIS required hardware includes:

- SUN 2000 at CPC23
- IBM Pentiums
- CE Local Area Network (LAN) running Novell Netware
- Laser printers
- High-Speed line printers.

Required software/communications capabilities include:

- ORACLE 7.3 Relational Database Management System (RDBMS)
- TCP/IP Protocol
- Graphical User Interface (GUI)
- Powerbuilder 5.03
- PFC
- PL/SQL, Cognos Impromptu, Powerplay

CEEMIS will interoperate with other systems via automated interfaces. Each interface system will operate independently of CEEMIS. CEEMIS will offer electronic interface capability with the following systems:

- Corps of Engineers Financial Management System (CEFMS)
- Project and Resource Information System (PRISM)
- Defense Finance and Accounting System (DFAS)
- Program Budget Accounting System (PBAS)

- ELECTRA
- Government On-line Accounting Link System (GOALS)

1.2 Target Audience Description (TAD). CEEMIS was developed for the following "typical" users:

- Primary functional user roles include:
 - Paying Center User
 - Financial Reporting Station User
 - Accounting Center User
 - Financial Reporting Center User
 - Security Assistance User
 - HQ User
- Primary supporting user roles include:
 - Interface File Manager
 - Center Reference Table Administrator
 - CEEMIS System Administrator
 - CEEMIS Center Administrator

The functional area for these users is ???. Other categories of personnel included as part of the target audience follow:

A. Maintainers – occasional users who oversee the functional correctness of CEEMIS:

| <u>SERIES</u> | <u>GRADE</u> | <u>TITLE</u> |
|---------------|--------------|--------------------------------|
| 334 | GS12 | Computer Specialist |
| 510 | GS14 | Supervisory Systems Accountant |
| 510 | GS13 | Systems Accountant |
| 510 | GS12 | Systems Accountant |

B. Supporters - casual users who help promote system development and use:

| <u>SERIES</u> | <u>GRADE</u> | <u>TITLE</u> |
|---------------|--------------|---|
| 301 | GS14 | Information Management Officer |
| 301 | GS13 | Supervisory Information System Manager |
| 301 | GS12 | Supervisory Information Systems |
| 334 | GS13 | Supervisory Computer Specialist |
| 505 | GS14 | Financial Manager |
| 510 | GS13 | Accounting Officer |
| 510 | GS12 | Supervisory Systems Accountant |

C. Operators - daily users whose primary job/work assignment is to utilize the system:

| <u>SERIES</u> | <u>GRADE</u> | <u>TITLE</u> |
|----------------------|---------------------|--------------------------------|
| 301 | GS11 – GS14 | Information Management Officer |
| 505 | GS11 – GS14 | Financial Manager |
| 510 | GS11 – GS13 | Supervisory Systems Accountant |
| 510 | GS07 – GS12 | Accountant |
| 510 | GS11 – GS13 | Accounting Officer |
| 510 | GS11 – GS14 | Supervisory Systems Accountant |
| 525 | GS05 – GS09 | Accounting Tech |

SECTION 2.0 ACQUISITION STRATEGY/PLAN

2.1 Acquisition Phase. CEEMIS is between the development and deployment acquisition phases. Although CEEMIS is seeking a Milestone I/II approval, actual development has progressed to the point where the system has already been fielded for Beta testing at various sites.

2.2 Acquisition Strategy. CEEMIS was approved initially as a replacement to the existing upward reporting capabilities in the COEMIS-F&A AIS. As a consequence of this relationship, COEMIS-F&A funds were used to develop CEEMIS. During the development of CEFMS, the AIS that engulfed the functionalities previously provided in COEMIS-F&A, it became apparent that a replacement of those predecessor upward reporting systems would be necessary. A replacement for the COBOL, CYBER-based and ORACLE PC-based legacy reporting systems was needed which would be UNIX/ORACLE-based, written in SQR and ORACLE Forms 3.0 to ensure compatibility with the revolutionary developments in other Corps financial and managerial applications.

The major procurement requirement for CEEMIS is application software development. All equipment necessary to operate CEEMIS will be provided by the Corps of Engineers.

CEEMIS is an in-house acquisition based in Millington, Tennessee. Stanley N. Wrenn (CEFC-Z) is the CEEMIS Program Manager (PM) and serves as the primary development contact. System development is accomplished through the use of contractors. Control Data Systems, Inc. is the prime development contractor. Subcontractors supporting development include AVANCO International of McLean, Virginia, and KELTEK Systems, Inc. of Huntsville, Alabama. The contract with Control Data Systems, Inc. is an indefinite delivery type contract which was competitively awarded to provide the Corps of Engineers a vehicle to acquire hardware, communication and software support. Computer Systems Technology (CST), Inc., of Huntsville, Alabama provides operations and supports services under a General Services Administration (GSA) contract.

In-Process Reviews (IPRs) as well as weekly status meetings allow effective communication throughout the design and development phases.

2.3 Life Cycle Management of Information Systems (LCMIS). Because of its program cost threshold, CEEMIS is a Class VI(a) system and is required to receive approval at each milestone throughout its life cycle. This review process will ensure that the infrastructure on which CEEMIS must operate is reliable and responsive. CEEMIS is currently seeking Milestone I/II approval.

SECTION 3.0 DEFICIENCIES AND/OR LESSONS-LEARNED FROM THE PREDECESSOR SYSTEM

This section is not applicable to CEEMIS since the capabilities provided by this system do not wholly replace any other system. However, CEEMIS supplants upward reporting capabilities in several other systems including the legacy system, Corps of Engineers Management Information System (COEMIS) – Finance & Accounting (F&A).

SECTION 4.0 MANPRINT GOALS AND CONSTRAINTS

4.1 Goals. This section lists the CEEMIS MANPRINT goals. These goals have been formulated as proposed solutions to past system deficiencies or as a means to improve the overall system performance in the context of MANPRINT domains.

4.1.1 Manpower.

- a. No additional slots or new Civilian Job Series (CJS) will be generated as a result of the CEEMIS program.
- b. An overall increase in manpower is not planned at sites where CEEMIS will be used and maintained.

4.1.2 Personnel.

4.1.2.1 Reading Grade Level. The education lowest common denominator for CEEMIS personnel is 11.7. Manuals will be written at the maximum reading grade level (RGL) of 11.7 (rounded to 12).

4.1.2.2 Skill Level Impacts. No increases of CJS skill levels will occur as a result of CEEMIS introduction. However, there may be instances where old skills levels will be modified. Preventive maintenance tasks will not exceed operator capability or skill level.

4.1.3 Training.

- a. Coordination will be established between the software releases and training. Adequate coordination will result in training schedules that coincide with the release dates of the software for which the training is provided.
- b. Effective training will be provided to ensure that users will receive training of critical skills and avoid redundant subject matter coverage.
- c. Training to the functional user will be provided by the CEEMIS Functional Proponent (FP).

4.1.4 Human Factors Engineering.

- a. CEEMIS design, including interface characteristics, operating software and associated procedures will conform to the Human Engineering Guidelines for Management Information Systems (MIS).
 - The human performance requirements will not exceed the physical and cognitive capabilities of the target audience user, operator, or maintainer.

- The human system interface requirements will be determined by appropriate analyses provided by the MJWG.
- b. User validation will determine if CEEMIS meets performance requirements contained in the CEEMIS Critical Operational Issues and Criteria (COIC), and Mission Needs Statement (MNS).
- c. Human performance requirements will be verified during testing, using a representative cross-section of the target audience, trained to the appropriate proficiency and skill levels, and operating in representative environments.

4.1.5 System Safety. There are no known safety hazards under consideration while utilizing the CEEMIS. A full safety release is being requested for training and testing of CEEMIS. An automated information system (AIS) (such as CEEMIS) does not pose as great a safety hazard as combat and weapon systems.

4.1.6 Health Hazards.

- a. The CEEMIS MJWG will provide guidance with respect to requirements for radiation monitoring, Occupational Safety and Health Administration (OSHA) regulations, electric shock, and/or stress.
- b. The MJWG will request the performance of a Health Hazards Assessment (HHA) by the U.S. Army Environmental Hygiene Agency.

4.2 Constraints. This section lists the CEEMIS MANPRINT constraints cross referenced to the goals listed in the 4.1 paragraph series.

4.2.1 Manpower. There are no known constraints to this itemization of the manpower goals enumerated in paragraph 4.1.1.

4.2.2 Personnel. There are no known constraints to the personnel goals enumerated in paragraph 4.1.2.

4.2.3 Training. There are no known constraints to the training goals enumerated in paragraph 4.1.3.

4.2.4 Human Factors Engineering.

- a. The application of HFE guidelines for software development as mandated by the Corps of Engineers (COE) Program Management Users Guide is necessary to achieve a good user interface. These guidelines are consistent with those imposed by the Department of Defense (DoD) Human Computer Interface Style Guide, 30 SEP 92. Consistent application requires the cooperation of all software development team members.

- b. Development and training schedules may cut short the time needed to provide a simplified user interface that requires minimal training time.

4.2.5 System Safety. There are no known constraints to the safety goals enumerated in paragraph 4.1.5.

SECTION 5.0 MANPRINT ISSUES

The following listing provides all CEEMIS MANPRINT issues enumerated in this document. The MJWG may append this list for any omitted issues. If the information contained in this document satisfies the respective issue, a **CLOSED** status can be issued. Until such time, all CEEMIS MANPRINT issues will retain **OPEN** status.

5.1 Summary Listing. The action date for each issue refers to the date on which it was identified or resolved by the MJWG.

| <u>Issue/Action Date</u> | <u>Issue No.</u> | <u>Status</u> |
|--|-------------------------|----------------------|
| a. Reading Grade Level of Manuals. Action Date: | 1 | OPEN |
| b. Individual Security Requirements. Action Date: | 2 | OPEN |
| c. Suitability of Training to Target Audience. Action Date: | 3 | OPEN |
| d. Suitability of Interface to Target Audience. Action Date: | 4 | OPEN |
| e. Impact on Authorized Requirements. Action Date: | 5 | OPEN |
| f. Army Standard Reading Grade Level. Action Date: | 6 | OPEN |
| g. Institutional Training Requirements. Action Date: | 7 | OPEN |
| h. Effect on CEEMIS Personnel Assignment. Action Date: | 8 | OPEN |
| i. Manpower and Personnel Requirements. Action Date: | 9 | OPEN |
| j. Increase of Manpower Requirements. Action Date: | 10 | OPEN |
| k. CEEMIS Training Plan Coordination. Action Date: | 11 | OPEN |

5.2 Issues.

- a. ISSUE 1: Is CEEMIS documentation written above the user educational level?

Affected Domain(s): Personnel, Training.

Responsible Agency: TBD

Data Source: AR 25-30

Projected Availability: TBD

- b. ISSUE 2: Will additional security clearance requirements for individuals be mandated by the CEEMIS system or as a result of interfacing and networking different systems?

Affected Domain(s): Personnel, Training, Security.

Responsible Agency: TBD

Data Source: CEEMIS Security Plan, AR 380-19

Projected Availability: TBD

- c. ISSUE 3: Is the training suited to the skill level and abilities of the target audience?

Affected Domain(s): Personnel, Training.

Responsible Agency: CEEMIS PM and FP

Data Source: CEEMIS Training Plan

Projected Availability: TBD

- d. ISSUE 4: Will system software design characteristics exceed levels of skill, knowledge, and aptitude of the target audience?

Affected Domain(s): Personnel, Training, HFE.

Responsible Agency: USAISEC/PM CEEMIS

Data Source: HFE Assessment

Projected Availability: TBD

- e. ISSUE 5: What impact will CEEMIS have on civilian work force structure?

Affected Domain(s): Manpower, Personnel.

Responsible Agency: PERSCOM, CEEMIS PM

Data Source: TBD

Projected Availability: TBD

- f. ISSUE 6: What is the Army standard reading level for manuals and how is it applied?

Affected Domain(s): Personnel, Training.

Responsible Agency: TBD

Data Source: AR 25-30

Projected Availability: TBD

g. ISSUE 7: Will there be requirements for institutional training?

Affected Domain(s): Training.
Responsible Agency: USAISEC-SED
Data Source: CEEMIS Training Plan
Projected Availability: TBD

h. ISSUE 8: Will personnel assignment be affected by the inclusion of CEEMIS duties such as configuration reporting, first line troubleshooting, and training affect the personnel assignment?

Affected Domain(s): Manpower, Personnel, Training.
Responsible Agency: CEEMIS PM
Data Source: TBD
Projected Availability: TBD

i. ISSUE 9: Does the implementation of CEEMIS increase manpower requirements for the various applications?

Affected Domain(s): Manpower.
Responsible Agency: CEEMIS PM
Data Source: TBD
Projected Availability: TBD

j. ISSUE 10: What are the manpower and personnel requirements associated with the administration of CEEMIS applications at the site? Specific areas include security system administration, operations and maintenance, and training.

Affected Domain(s): Manpower, Personnel, Training.
Responsible Agency: CEEMIS PM
Data Source: TBD
Projected Availability: TBD

k. ISSUE 11: Does review of the CEEMIS training plan require coordination with the Training and Doctrine Command (TRADOC)?

Affected Domain(s): Training.
Responsible Agency: CEEMIS PM
Data Source: TBD
Projected Availability: TBD

Reference Annexes B and C for Open Issues and Closed Issues respectively.

SECTION 6.0 MANPRINT EXECUTION

This section will provide a time-phased description of how the CEEMIS MANPRINT program will be executed. The MJWG must complete this section after meeting to resolve all MANPRINT issues enumerated in Section 5.0 of this document. Additionally, the MJWG must identify the appropriate agency to validate the resolution of the respective MANPRINT issues.

All "To Be Determined (TBD)" items must be "determined" by the MJWG.

APPENDIX A
ACRONYM LIST

APPENDIX A

ACRONYM LIST

| | |
|-----------------------|--|
| AIS | Automated Information System |
| CEEMIS | Corps of Engineers Enterprise Management Information System |
| CEFMS | Corps of Engineers Financial Management System |
| CHPPM | US Army Center for Health Promotion and Preventive Medicine |
| CJS | Civilian Job Series |
| COE | Corps of Engineers |
| COEMIS-F&A | Corps of Engineers Management Information System, Finance & Accounting |
| COIC | Critical Operational Issues and Criteria |
| CST | Computer Systems Technology |
| DCSPLANS | Deputy Chief of Staff for Plans, Force Integration and Analysis |
| DFAS | Defense Finance and Accounting System |
| DoD | Department of Defense |
| FD | Functional Description |
| FP | Functional Proponent |
| GOALS | Government On-line Accounting System |
| GSI | Gradkell Systems Incorporated |
| GUI | Graphical User Interface |
| HFE | Human Factors Engineering |
| HHA | Health Hazards Assessment |
| ILSP | Integrated Logistics Support Plan |
| IOT | Independent Operational Test |
| IOT&E | Independent Operational Test and Evaluation |
| IPR | In-Process Review |
| LAN | Local Area Network |

ACRONYM LIST
(Continued)

| | |
|-----------------|--|
| MAISRC | Major Automated Information Systems Review Council |
| MANPRINT | Manpower and Personnel Integration |
| MIS | Management Information Systems |
| MJWG | MANPRINT Joint Working Group |
| MNS | Mission Needs Statement |
| MOE | Measures of Effectiveness |
| MOP | Measures of Performance |
| MOS | Military Occupational Specialty |
| | |
| OSHA | Occupational Safety and Health Administration |
| | |
| PBAS | Program Budget Accounting System |
| PERSCOM | U.S. Total Army Personnel Command |
| PM | Program Manager |
| PRs | Purchase Requests |
| PRISM | Project and Resource Information System |
| | |
| RAC | Risk Assessment Codes |
| RDBMS | Relational Database Management System |
| RGL | Reading Grade Level |
| | |
| SA | System Administrator |
| SMMP | System MANPRINT Management Plan |
| STD | Software Test Descriptions |
| | |
| TAD | Target Audience Description |
| TBD | To Be Determined |
| TCP/IP | Transaction Interface Package |
| TEMP | Test and Evaluation Master Plan |
| TEP | Test Evaluation Plan |
| TRADOC | Training and Doctrine Command |

USAISC

US Army Information Systems Command

ACRONYM LIST
(Continued)

USARL-HRED US Army Research Laboratory-Human Research Engineering Directorate
USARL-SLAD US Army Research Laboratory-Survivability/Lethality Directorate

ANNEX A

COORDINATION

NOTE: The following coordination sheet lists individuals and agencies with which the SMMP was coordinated.

System MANPRINT Management Plan (SMMP)

Coordination Sheet

31 JULY 1998

UPDATE __ _____ (DATE)
REVISION __ _____ (DATE)

| | <u>Signature</u> | <u>Date</u> |
|--|------------------|------------------------|
| Materiel Developer Thomas L. Brockman (CEFC-A) | _____ | Concur/Nonconcur _____ |
| Program Manager Stanley N. Wrenn (CEFC-Z) | _____ | Concur/Nonconcur _____ |
| Functional Proponent Stephen Coakley (CERM-ZA) | _____ | Concur/Nonconcur _____ |
| U.S. Total Army Personnel Command (PERSCOM) TBD | _____ | Concur/Nonconcur _____ |
| Deputy Chief of Staff for Plans, Force Integration and Analysis (DCSPLANS), MANPRINT Division TBD | _____ | Concur/Nonconcur _____ |
| US Army Center for Health Promotion and Preventive Medicine (CHPPM) TBD | _____ | Concur/Nonconcur _____ |

System MANPRINT Management Plan (SMMP)

**Coordination Sheet
(Continued)**

| | <u>Signature</u> | <u>Date</u> |
|--|------------------|------------------------|
| US Army Research Laboratory-Human Research Engineering Directorate (USARL-HRED) TBD | _____ | Concur/Nonconcur _____ |
| US Army Information Systems Command (USAISC), Safety Office TBD | _____ | Concur/Nonconcur _____ |
| US Army Research Laboratory-Survivability/ Lethality Directorate (USARL-SLAD) TBD | _____ | Concur/Nonconcur _____ |
| Independent Tester and Evaluator TBD | _____ | Concur/Nonconcur _____ |
| Training and Doctrine Command (TRADOC) TBD | _____ | Concur/Nonconcur _____ |

ANNEX B
OPEN ISSUES

ANNEX C
CLOSED ISSUES

NOTE: As issues are resolved, they will be moved to this annex.

ANNEX D

TARGET AUDIENCE DESCRIPTION (TAD)

NOTE: Information is provided in paragraph 1.2 and the TAD does not exceed 2 pages in length.

ANNEX E
TEST INFORMATION

E.0 TEST INFORMATION

E.1 MANPRINT-Related Information from the Test and Evaluation Master Plan (TEMP). The following critical operational issues and criteria were provided as Appendix F of the TEMP. These issues and criteria will be incorporated in the Test Evaluation Plan (TEP) and serve as a basis for defining the Measures of Effectiveness (MOEs), Measures of Performance (MOPs), and Software Test Descriptions (STDs).

E.1.1 Issue. Does CEEEMIS meet the mission's operational requirements to provide effective, automated financial information in an operational environment?

E.1.1.1 Scope. This issue will examine CEEMIS's capability to effectively manipulate and manage financial management data within the Army's Corps of Engineers. The performance evaluation will be based on the system's capability to provide accurate on-demand accounting and financial information.

E.1.1.2 Criteria. CEEMIS must:

E.1.1.2.1 Provide the following capabilities:

- Handle multiple external file formats
- Preserve linkages between financial data integrity and accounting and reporting systems
- Handle interfund transactions
- Perform Treasury reporting.

E.1.2 Issue. Does CEEMIS provide interface and interoperability with other automated systems to satisfy mission requirements?

E.1.2.1 Scope. This issue will examine CEEMIS's capability to interface and interoperate with other Corps, Army and Department of Defense (DoD) automated systems.

E.1.2.2 Criteria. CEEMIS must:

E.1.2.2.1 Provide for the accurate (no loss of data character strings resulting from the transfer of data) and timely (one way exchange of data within forty-eight (48) hours of initiation) transfer and receipt of data to and from remote system databases.

E.1.2.2.2 Interface electronically with the following automated information systems:

- Corps of Engineers Financial Management System (CEFMS)
- Project and Resource Information System (PRISM)
- Defense Finance and Accounting System (DFAS)
- Program Budget Accounting System (PBAS)

- ELECTRA
- Government On-line Accounting Link System (GOALS)

E.1.2.2.3 Rationale. CEEMIS automated interfaces facilitate the passing of data to and from the CEFMS database without loss of integrity and validity to demonstrate interoperability and satisfy user requirements. CEEMIS must perform these interfaces to satisfy its mission requirements to manipulate and manage information, and move toward a paperless environment. This rationale and the corresponding criteria were developed from paragraph 3.2 of the MNS.

E.1.3 Issue. Does CEEMIS limit and restrict access to CEEMIS data based on the functional needs of the user?

E.1.3.1 Scope. This issue will examine the system's ability to restrict or limit user access to CEEMIS data as an effort to maintain accuracy and validity of the system data.

E.1.3.2 Criteria. CEEMIS must:

E.1.3.2.1 Provide capability to grant and restrict access to the system through access controls and to limit capabilities of pre-authorized users. Users must be restricted in their performance of functional processes based on their assigned organization and User IDs. These limitations include:

- Each prospective user must have a valid USERID/PASSWORD which is obtained from the local terminal area security officer (TASO), Information Systems Security Officer (ISSO), or the UPASS Administrator
- Users must be approved by the activity responsible employee as a valid CEEMIS user after the user logs on CEEMIS and establishes the user ID information and requests access
- Users are restricted use of CEEMIS menu options other than option 2 to request access or option 1 to exit until approval by the responsible employee.

E.1.3.2.2 Provide for ability to change user restrictions to accommodate volatile staffing requirements.

E.1.3.3 Rationale. CEEMIS facilitates adequate access controls by requiring user IDs and passwords. Additionally, the Access Control limits the functional capabilities of pre-authorized users. The Data Manager Tables provide the necessary means to validate data before it is loaded in the database. This rationale and corresponding criteria are based on paragraph 3.3 of the MNS.

E.1.4 Issue. Does CEEMIS fulfill performance requirements in the area of availability?

E.1.4.1 Scope. This issue will examine if system availability is adequate to support the mission requirement.

E.1.4.2 Criteria. CEEMIS must:

E.1.4.2.1 Provide operational availability at a particular site ninety-five percent (95%) of the time.

E.1.4.3 Rationale. CEEMIS will be available to the user with the limitations of the fielded platform and the system will be designed to support all functions necessary to meet availability requirements.

Special Considerations: For the purpose of operational testing, data which addresses reliability and maintainability will not be required. CEEMIS is a finance and accounting software program with no requirement for a specialized user terminal. Reliability data will not be collected or required of system hardware since this hardware consists of commercial off-the-shelf personal computer systems with extremely high levels of documented reliability. Maintainability data will not be required since maintenance of hardware systems is by commercial contract before, during and after fielding. In accordance with the CEEMIS ILSP, contract maintenance is managed by the individual COE District Office.

E.2 Other MANPRINT-Related Information from the TEMP. N/A

ANNEX F
MANPRINT EXECUTION

NOTE: Only required if Section 6.0 MANPRINT Execution exceeds 2 pages in length which is not applicable for this document.