

AD-A237 876



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TECHNICAL REPORT

For The

Cargo Movement Operations System (CMOS)

Final Software Design Document
Increment III, (PC UNIX - Navy Configuration)

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Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL #A004-121

Prepared for

Standard Systems Center (SSC)
Deputy Chief of Staff for Acquisition
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SECTION I.

INTRODUCTION.

The purpose of this Technical Report is to review the Final Software Design Document, Increment III, (PC UNIX - Navy Configuration), CDRL A006-02, which was produced for the Government by Evaluation Research Corporation. The results are provided in the form of Data Item Discrepancy worksheets as requested by the CMOS Program Office.

SUMMARY. Not Used.

CONCLUSION. Not Used.

SECTION II.

RESULTS.

Our analysis is provided in the attached Data Item
Discrepancy worksheets.

ORIGINATOR CONTROL NUMBER: SDD-0001
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 35

PARA NUMBER: 7

COMMENT OR RECOMMENDED CHANGE:

Provide the data files and elements of the Navy Configuration that fall in the category "essentially the same as the ones described in Sections 5 and 6 of the Increment I SDDs." Incorporate the changes into Appendices D, E, F, and M.

RATIONALE:

The sole purpose of this SDD is to document the differences between the Navy Configuration and the Air Force configuration. "Essentially the same" circumvents this purpose. Any differences in data files and elements should be specifically stated to conform with DI-MCCR-80012A.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0002
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 39

PARA NUMBER: 9.

COMMENT OR RECOMMENDED CHANGE:

Update the following Appendices:

- E. CMOS Data Attributes to CSUs
- G. CSCs to CSUs to CMOS tables
- H. CMOS tables to CSUs to CSCs
- J. CSC - CSU Hierarchy
- K. CSU Structure Charts

RATIONALE:

Table 6 states that many CSUs were added or deleted as a result of the prototype project. These additions and deletions directly affect the appendices listed above. The sole purpose of this SDD is to document the differences between the Navy and Air Force configurations. Any additional CSUs and deleted CSUs should be documented in these appendices to conform with DI-MCCR-80012A.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0003
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: L-1

PARA NUMBER: 10

COMMENT OR RECOMMENDED CHANGE:

Explain the effect of "no longer required" or "replaced" CSUs on the Navy configuration Menu hierarchy.

RATIONALE:

Paragraph 10 states that the CMOS menu heirarchy is not modified for the Navy Configuration. However, page 15, paragraph 5 states that no longer required or replaced CSUs "will not be made available to the Navy via Menus". The effect of this non-availability on the operation of CMOS menus should be described in Appendix L. Reference also CUBA0170-3.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0004
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 1-1

PARA NUMBER: Attachment 1

COMMENT OR RECOMMENDED CHANGE:

List the CSUs requiring minor modification and describe the modification for each one.

RATIONALE:

The sole purpose of this SDD is to document the differences between the Navy and Air Force configurations. Minor modifications qualify as a difference and, therefore, should be included. Not doing so circumvents the purpose of the document.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0005
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: CUBA0003-1 PARA NUMBER: 6.

COMMENT OR RECOMMENDED CHANGE:

Remove "DOS" reference in the third and thirteenth sentences.

RATIONALE:

"DOS" is no longer appropriate.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0006
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: CUBA0003-3 PARA NUMBER: b. Data Elements:

COMMENT OR RECOMMENDED CHANGE:

Add the following data elements to the list:

PASSWORD
SA
DEBUG
CMOSCOMM
CMOSMACH
DUAL_SYS
HOSTS

RATIONALE:

DI-MCCR-80012A requires that input/output data elements and local data elements be identified and their purposes stated. Apparently, these elements were inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0007
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: CUBA0008-5 PARA NUMBER: c.

COMMENT OR RECOMMENDED CHANGE:

Add the following to the data element list:

MENU_CODE
USER
CUR_USER
PREV_MENU
PRODUCT_CODE

RATIONALE:

These data elements occur in the process description, but not the data element list. Reference DI-MCCR-80012A, paragraph 10.1.6.1.2.2.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0008
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: See Below

PARA NUMBER: c

COMMENT OR RECOMMENDED CHANGE:

Add the input/output and local data elements required by DI-MCCP-0012A for the following CSU pages:

CUBA0005-1	CUBA0046-1	CUBA0170-4
CUBA0009-7	CUBA0047-1	CUBA0171-1
CUBA0018-1	CUBA0057-2	CUBA0174-1
CUVA0020-2	CUBA0059-1	CUVA0175-1
CUVA0022-1	CUBA0097-1	CUBA0176-1
CUVA0024-3	CUVA0115-1	CUBA0177-1
CUVA0025-2	CUBA0118-1	CUBA0179-1
CUVA0030-2	CUBA0145-1	CUBA0181-1
CUBA0033-2	CUVA0151-1	CUBA0182-1
CUVA0035-1	CUBA0155-2	CUBA2250-1
CUBA0040-1	CUBA0159-1	CUBA2251-1
CUBA0043-1	CUBA0166-1	CUBA2310-1
CUBA0044-2	CUBA0168-1	CUBA2311-1
CUBA0045-1	CUBA0169-1	

RATIONALE:

Input/output and local data elements are referenced in the process descriptions of these CSUs, but were inadvertently omitted from c. paragraphs.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: SDD-0009
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02

DATE: 07/03/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: N/A

PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add the complete message format for CUVC0161 and CUVC0162.

RATIONALE:

These are interface messages to be passed from CMOS to NATDS. The complete standard IDD format should be described as was done in CUVC0121 and CUVC0131.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []