TECHNICAL REPORT

For The

Cargo Movement Operations System (CMOS)

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

03 Jul 1991

Prepared under

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

Prepared for

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

RATIONALE:

Paragraph 10 states that the CMOS menu hierarchy 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 [ ]
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 [ ]
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:


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 [ ]
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 [ ]
DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A006-02
ORIGINATOR NAME: Vivian L. Martin
TELEPHONE NUMBER: 272-2999

DATE: 07/03/91
OFFICE SYMBOL: SAIC

DATA ITEM DISCREPANCY WORKSHEET

SUBSTANTIVE: X

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

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

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 [ ]
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 [ ]