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Technical Report
for the
Cargo Movement Operations System (CMOS)
System Segment Specification,
Updated, Increment II

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02 MAY 1990

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CDRL A004-30

Prepared for
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SECTION I.

INTRODUCTION. The purpose of this Technical Report is to review the System Segment Specification, Updated, Increment II, CDRL A001-05, 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: SSSII-0001
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A001-05

DATE: 05/02/90

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL: X

PAGE NUMBER: PARA. NUMBER:

COMMENT OR RECOMMENDED CHANGE:

All editorial comments for the System Segment Specification, Updated, Increment II, have been collected on this worksheet and are arranged in page number order.

RATIONALE:

N/A

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION: ACCEPT [] REJECT []

COMMENT STATUS: OPEN [] CLOSED []

Cmnt No.	Page No.	Paragraph Number	Comment
1.	ii	N/A	The title of paragraph 3.1.3.1.5 should be "Government Provided Software".
2.	8	3.1.3	Delete "Ada" in fifth sentence.
3.	12	3.1.3.1.4	Delete "Ada" in fourth sentence.
4.	12	3.1.3.1.4c	Delete "Ada" in this paragraph.
5.	17	3.1.4.5	Add "TEMPEST" after "LGTX" in the sixth sentence.

- | | | | |
|----|----|-----------|--|
| 6. | 22 | 3.2.1.2.7 | Change "L" in "Log" to lower case in the last sentence of second subparagraph. |
| 7. | 40 | 3.2.8.1 | Delete "an" before "ORACLE" in the fourth sentence. |
| 8. | 40 | 3.2.8.2.1 | Delete "Ada" in second sentence. |

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A001-05

DATE: 05/02/90

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 9

PARA NUMBER: Figure 3.1.2

COMMENT OR RECOMMENDED CHANGE:

Add "LGTX" to the CMOS LAN and designate the TEMPEST PC as "LGTX-TEMPEST".

RATIONALE:

Enhance clarity. Further, Paragraph 3.2.1.2.11 already describes LGTX as being on the LAN.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A001-05

DATE: 05/02/90

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 13

PARA NUMBER: Figure 3.1.3.2

COMMENT OR RECOMMENDED CHANGE:

Delete the "Air Gap" from LGTX in this figure. Add a non-LAN "LGTX TEMPEST" function.

RATIONALE:

Paragraph 3.2.1.2.11 already describes LGTX as being on the LAN.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A001-05

DATE: 05/02/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 16

PARA NUMBER: 3.1.4.4

COMMENT OR RECOMMENDED CHANGE:

Add specific discussion of terminal servers to this paragraph.

RATIONALE:

While this paragraph alludes to the use of terminal servers to simulate direct LAN access, they are never directly mentioned. Provide some description of how terminal servers will function. For example, "the remote PC workstations will use modem connections to access a terminal server which is directly connected to the LAN."

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A001-05

DATE: 05/02/90

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 17

PARA NUMBER: 3.1.4.5

COMMENT OR RECOMMENDED CHANGE:

Add "TEMPEST" between "LGTX" and "Interface" in the title of this paragraph.

RATIONALE:

This paragraph already describes the LGTX TEMPEST procedures.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A001-05

DATE: 05/02/90

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 27

PARA NUMBER: 3.2.1.2.11.1

COMMENT OR RECOMMENDED CHANGE:

Change the first and second sentences of the first subparagraph to read, "The LGTX-TEMPEST function will provide the capability to analyze the TPFDD off-line from CMOS, and among other things, to determine mode and routing requirements. These requirements will then be processed in advance of mobilization."

RATIONALE:

The analysis of TPFDD off-line from CMOS means this is a non-CMOS requirement. Hence, these should be will statements.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []