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Technical Report
for the
Cargo Movement Operations System (CMOS)
Revised Draft Software Test Plan

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MAY 21 1990
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17 MAY 1990

Prepared under
Contract Number F11624-88-D-0001/6K12
CDRL A004-45

Prepared for
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Deputy Chief of Staff for Acquisition
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SECTION I.

INTRODUCTION. The purpose of this Technical Report is to review the Revised Draft Software Test Plan, CDRL A007-02, 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: STP-0001
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-02

DATE: 05/17/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL: X

PAGE NUMBER: PARA. NUMBER:

COMMENT OR RECOMMENDED CHANGE:

All editorial comments for the Revised Draft Software Test Plan 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.	1	1	Delete the period following this and all other single digit paragraph numbers in order to comply with the format used in the DID.
2.	9	3.1.3	Replace "Z-248" with "PC Workstation" in the second line of the paragraph.
3.	10	3.2.1	Change the "?" to a "/" in the second entry of Table 3.2.1.
4.	10	3.2.2	Put parentheses around the phrase bounded by commas in the second and third lines, i.e., "(Zenith. . .contract)".

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-02

DATE: 05/17/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 9

PARA NUMBER: 3.1

COMMENT OR RECOMMENDED CHANGE:

Change the structure of this paragraph so that all Host software items are grouped together.

RATIONALE:

In response to Government comment #004 in the previous STP, the ORACLE software was placed in a separate paragraph, giving the incorrect impression that the ORACLE software is not one of the Host software items. The intent of the Government's comment was to consolidate all Host software items within one paragraph. Since all current Host software can be obtained from the 3B2 contract with the exception of the ORACLE software, Table 3.1.1 (which lists applicable SLINS from the 3B2 contract) should be referred to in this table in one subparagraph (i.e., 3.1.1 a.) and the ORACLE items should be listed in another subparagraph (i.e., 3.1.1 b.)

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-02

DATE: 05/17/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 9

PARA NUMBER: 3.1.3

COMMENT OR RECOMMENDED CHANGE:

Add the PC ORACLE software to the items in this list.

RATIONALE:

The PC ORACLE software was listed in the previous version of this document and should be included in this paragraph.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-02

DATE: 05/17/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 16

PARA NUMBER: 4.1.2

COMMENT OR RECOMMENDED CHANGE:

Expand the Security/Access Control paragraph. This comment also applies to paragraphs 4.2.2 and 4.3.2.

RATIONALE:

ERC's response to comment #0015 of the previous STP was to include the word "Security" in the test class name. Their response also stated that security and access control are the same thing. According to DoD 5200.28 STD, there is much more to security than access control. For example, all elements of security which are required for C2 certification must be tested, and major elements (e.g., object reuse, access control, audit trail) should be identified in a description of the test class which addresses them.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-02

DATE: 05/17/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 59

PARA NUMBER: 4.2.1

COMMENT OR RECOMMENDED CHANGE:

Add an appropriate column to Tables 4.2.1.1 and 4.2.1.2. This column should identify the tests in paragraph 4.2.4 which will test each interface.

RATIONALE:

Without a correlation between the interfaces listed in Tables 4.2.1.1 and 4.2.1.2 and the tests described in section 4.2.4, there is no means of determining how these interfaces will be tested.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-02

DATE: 05/17/90

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 64

PARA NUMBER: 4.2.4.2.1

COMMENT OR RECOMMENDED CHANGE:

Delete SS0108 through SS0110 from this paragraph.

RATIONALE:

These shall statements are not allocated to SC22 in the RTM dated 27 Apr 90. These shall statements also should be deleted from paragraphs 4.2.4.3.1, 4.2.4.4.1, and 4.2.4.5.1 for the same reason.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []