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TECHNICAL REPORT

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For The

Cargo Movement Operations System (CMOS)

Final System Segment Design Document
Increment II, (Change 02)

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7 November 1990

Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL #A004-76

Prepared for

Standard Systems Center (SSC)
Deputy Chief of Staff for Acquisition
Cargo Movement Operations System Division
Gunter AFB, AL 36114

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SECTION I.

INTRODUCTION.

The purpose of this Technical Report is to review the Final System Segment Design Document (SSDD), Increment II, (Change 02), CDRL A002-07, 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. (S.F.)

SUMMARY.

We completed a preliminary review of the Final SSDD. Noted deficiencies are contained in the attached worksheets. Due to the non-availability of an updated Requirements Traceability Matrix (RTM), we were unable to complete a more thorough analysis of the SSDD. We will, however, accomplish such an analysis upon delivery of the next RTM; this is expected to occur on 8 Nov 90. The results of these efforts will be provided under separate cover and furnished to the Program Office on or before 13 Nov 90.

CONCLUSION. Not Used.

SECTION II.

RESULTS.

Our preliminary analysis is provided in the following Data Item Discrepancy worksheets:

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 33

PARA NUMBER: Table 4.1.3a, b

COMMENT OR RECOMMENDED CHANGE:

Add a 3.5 inch floppy, as well as a LAN Interface Transceiver, to the HWCI Component Listing.

RATIONALE:

These components are present in the description of the functional work station in the SSS dated 18 Oct 90, paragraph 3.2.4.4.1. At present, the documents are in conflict with each other.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 40

PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add the proper descriptions of the subordinate SC to SC15, Air Passenger Service; SC16, Transportation Plans and Programs; and SC17, Command and Control.

RATIONALE:

These descriptions are necessary for accuracy and clarity.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 56

PARA NUMBER: 4.4.2.1

COMMENT OR RECOMMENDED CHANGE:

Add "CH3214 ORACLE to UNIX Interface".

RATIONALE:

The interface listing between Host Processor and System Environment in the SSR Presentation Material, dated 31 Oct 90, should correspond with the SSDD dated 18 Oct 90.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 57

PARA NUMBER: 4.4.22

COMMENT OR RECOMMENDED CHANGE:

Add "CH3311 ORACLE to MS-DOS Interface".

RATIONALE:

In the SSR Presentation Material, dated 31 Oct 90, CH3311 appears under the "System Environment to PC Workstation" interface. This should be inserted to ensure accuracy and clarity.

CMOS PMG ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-72

PARA NUMBER: SS2111

COMMENT OR RECOMMENDED CHANGE:

In all SCs where SS2111 appears, delete "as a minimum" and "Rail, Truck"
under "Load Planning".

RATIONALE:

Compliance with ECP 3011ECP*005.06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-88

PARA NUMBER: SS2094

COMMENT OR RECOMMENDED CHANGE:

Move the last three sentences to the top of the shall statement.

RATIONALE:

Was inadvertently placed at the end of the shall statement.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-89

PARA NUMBER: SS2240

COMMENT OR RECOMMENDED CHANGE:

Change the shall statement reference to 3.2.1.2.5-3; also, insert the words "Passenger and" after the word "receive" in the first sentence.

RATIONALE:

This shall statement doesn't coincide with the SSS dated 18 Oct 90. Change is needed for consistency.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-89

PARA NUMBER: SS2250

COMMENT OR RECOMMENDED CHANGE:

Change "CMOS" to "CALM" in the first sentence.

RATIONALE:

Is inconsistent with the SSS dated 18 Oct 90.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

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

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-07

DATE: 11/07/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-107 - 117 PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Delete the referenced pages.

RATIONALE:

These pages were inadvertently duplicated and are not needed.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []