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Technical Report
for the
Cargo Movement Operations System (CMOS)
Increment II System Segment Design
Document, Final

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Increment II System Segment Design
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02 AUGUST 1990

Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL A004-60

Prepared for

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

DISTRIBUTION STATEMENT A

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SECTION I.

INTRODUCTION.

The purpose of this Technical Report is to review the Increment II System Segment Design Document, Final, CDRL A002-06, 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: SSDD-0001
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A002-06

DATE: 08/02/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: N/A

PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add a paragraph, "Surface Load Planning Function", to the Applications CSCI.

RATIONALE:

This was deleted from the System Environment CSCI, but was not added to the Applications CSCI. Reference SSDD2-2-19 comment dated 14 July 90.

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: A002-06

DATE: 08/02/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 35

PARA NUMBER: 4.2.1.3.1

COMMENT OR RECOMMENDED CHANGE:

Add subordinate paragraphs to describe the 3-digit System Capabilities that are listed under System Administration in Appendix G.

RATIONALE:

Both Process Outbound Cargo (SC12) and Process Inbound Cargo (SC13) describe System Capabilities to the 3-digit level. This paragraph should provide descriptions at the same level to maintain consistency.

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: A002-06

DATE: 08/02/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 37

PARA NUMBER: Figure 4.2.1

COMMENT OR RECOMMENDED CHANGE:

Change this diagram so that all subfunctions are depicted.

RATIONALE:

The current diagrams give the impression that there are no subordinate System Capabilities for System Administration and User Services. There are 3-level SCs for SC11 listed in Appendix G, and if any exist for SC14, they should be present as well.

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: A002-06

DATE: 08/02/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 40

PARA NUMBER: 4.2.1.3.4

COMMENT OR RECOMMENDED CHANGE:

Add more detailed description of the functions listed in this paragraph.

RATIONALE:

Lower level descriptions of User Services are required for completeness. Although the Enterprise Model to System Capability relationships listed in Appendix G do not show User Services, the SRS for Increment I Applications does show a decomposition of SC14 into 3-digit level SCs.

CMOS PMO 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: A002-06

DATE: 08/02/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 40

PARA NUMBER: 4.2.1.3.4

COMMENT OR RECOMMENDED CHANGE:

Change the description in this paragraph so that it does not conflict with or overlap the capabilities listed under System Administration.

RATIONALE:

Many of the functions listed in this paragraph are identified as being part of SC11, such as restart/recovery and security. A clear distinction between the capabilities of SC11 and SC14 should be presented in paragraphs 4.2.1.3.1 and 4.2.1.3.4.

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: A002-06

DATE: 08/02/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 64 and 66

PARA NUMBER: Fig. 5.2.2c and 5.2.2f

COMMENT OR RECOMMENDED CHANGE:

Provide the rationale for the depicted allocations.

RATIONALE:

As depicted, the allocations are not consistent with existing requirements.

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: A002-06

DATE: 08/02/90

ORIGINATOR NAME: Patrick L. Combs

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 67

PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add a figure to depict the disk utilization for the PC Workstation in the "Load Planning Mode".

RATIONALE:

Was inadvertently omitted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []