

AD-A221 201

1

DTIC FILE COPY

Technical Report
for the
Cargo Movement Operations System (CMOS)

Interface Design Document,
(Preliminary)

DTIC
ELECTE
MAY 02 1990
S D Cs D

29 APRIL 1990

Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL A004-28

Prepared for

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

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

Prepared by

Science Applications International Corporation (SAIC)
6 Eagle Center, Suite 2,
O'Fallon, IL 62269

90 05 '02 042

Table of Contents

	<u>Page</u>
Section I	
Introduction	ii
Summary	ii
Conclusion	ii
Section II	
Results	iii



Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By <i>per A 216170</i>	
Distribution/	
Availability Codes	
Dist	Area and/or Special
<i>A-1</i>	

SECTION I.

INTRODUCTION. The purpose of this Technical Report is to review the Interface Design Document, (Preliminary), CDRL A008-01, 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. The comments in the attached worksheets, while numerous, fall for the most part into two broad categories:

1. All IRDs, regardless of message content or directional flow, have been assigned to an interface using a single criterion. If an interface includes the external system covered in an IRD, that IRD is assigned to the interface. The result is that messages are distributed to more than one interface without regard to the interfacing system's role as either sender or receiver.

2. The IDD does not conform to DI-MCCR-80027A in three areas. First, paragraph 10.1.5.2.1 and 10.1.5.2.2 require that each of the interface's data elements be identified, listed, assigned to messages, and cross referenced. Second, paragraph 10.1.5.2.3 requires that the messages and interfaces be prioritized relative to one another. These are important design considerations not included in the IDD. Third, paragraph 10.1.5.2.4 requires that each of the interface's protocols be described. Not all protocols are identified, and of those identified, not all are included.

CONCLUSION. Not Used.

SECTION II.

RESULTS.

Our analysis is provided in the attached Data Item
Discrepancy worksheets.

ORIGINATOR CONTROL NUMBER: IDD1-0001
TECH OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 4/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL: X

PAGE NUMBER: N/A PARA. NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE: All editorial comments have been collected on this worksheet and are arranged in page number order.

RATIONALE: N/A

DISPOSITION: ACCEPT [] REJECT []

	PAGE #	PARAGRAPH #	COMMENT OR RECOMMENDED CHANGE
1.	IV	3.8 (1st reference)	Standardize all references to other than CONUS ACA as either "overseas" or "OCONUS."
2.	11-49	3.x.2.x	Recommend all message description paragraphs be subdivided into paragraphs a. and b., with a. titled <u>Identifier</u> and b. titled <u>Description</u> .
3.	14	3.4.2 a.	Add the word "be" after the word "will" in line four.
4.	16 19 21 23 26 30 33 36 39	3.5.1 3.6.1 3.7.1 3.8.1 3.9.1 3.10.1 3.11.1 3.12.1 3.13.1	Change all Appendix F references to Appendix D.

- | | | | |
|-----|-----------------|-----------------------------|---|
| | 41 | 3.14.1 | |
| 5. | 28 | 3.9.2.16 | Change the word "Good" to "Goods." |
| 6. | 31 | 3.10.2.6 | Add the letter "H" in the third position of the <u>Identifier</u> . |
| 7. | 34 | 3.11.2.2 c. | Change "noit" to "not."
Add a comma after the word "received." |
| 8. | D-16 | Table 3.2.2 h. | Change the word "warrenty" to "warranty." (IA240050) |
| 9. | D-45 to
D-53 | Tables 3.9.2a -
3.9.2p | Move the constant DIC values from the <u>Unit of Measure</u> column to the <u>Limit/Range</u> column. |
| 10. | D-53 | Table 3.9.2p | Add the letter "s" to "Good." |
| 11. | D-68 to
D-71 | Tables 3.11.2c -
3.11.2j | Move the constant DIC values from the <u>Description</u> column to the <u>Limit/Range</u> column. |
| 12. | D-85 | Table 3.13.2c | Move "TK4" from the <u>Unit of Measure</u> column to the <u>Limit/Range</u> column. |
| 13. | D-86 | Table 3.14.2a | Move "T-1" from the <u>Unit of Measure</u> column to the <u>Limit/Range</u> column. |
| 14. | D-87 | Table 3.14.2b | Move "T-5" from the <u>Unit of Measure</u> column to the <u>Limit/Range</u> column. |

ORIGINATOR CONTROL NUMBER: IDD1-0002
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: Title page PARA NUMBER: none

COMMENT OR RECOMMENDED CHANGE:

Change the CDRL sequence number to A008-01.

RATIONALE:

The IDD will be produced in three iterations: Preliminary, Draft, and Final. In order to distinguish between these versions, each must be individually numbered.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0003
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: N/A

PARA NUMBER: N/A

COMMENT OR RECOMMENDED CHANGE:

Add a description of the ADAM III to CMOS (Off-Base) interface. Begin with the following information:

Interface Authority/Directive Requirement:

CMOS IRD/ADAM III - 03a CMOS IRD/ADAM III - 03b
CMOS IRD/ADAM III - 06a CMOS IRD/ADAM III - 06b

Message Descriptions:

900 Transaction (Downline) (found in 3.12.2.2)

Manifest Header (found in 3.12.2.3)

Cargo Pallet Header (found in 3.12.2.4)

Prime TCMD (found in 3.12.2.5)

560 Abort Mission Transaction (found in 3.12.2.6)

410 Confirmation of Lifted Manifest Record (found in 3.12.2.7)

405 Reject Lift Notice (found in 3.12.2.8)

RATIONALE:

This interface exists, but has not been properly addressed for design purposes. The elements representing the off-base ADAM III to CMOS interface have been included in the CMOS to ADAM III interface erroneously.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL:

TELEPHONE NUMBER:

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 1

PARA NUMBER: Table 1.1

COMMENT OR RECOMMENDED CHANGE:

Reorder the interfaces so that related interfaces are covered sequentially in the text and in this figure. We recommend the following order:

From:	To:	Para:	From:	To:	Para:
1. SBSS	CMOS	3.2	11. CMOS	CCP	3.12
2. CMOS	SBSS	3.3	12. CCP	CMOS	3.13
3. ADAM III	CMOS	3.4	13. CMOS	ETADS	3.14
(ON-BASE)			14. CMOS	SC&D	3.15
4. CMOS	ADAM III	3.5	15. SC&D	CMOS	3.16
(ON-BASE)			16. CMOS	CDCP	3.17
5. CMOS	ACA-OCONUS	3.6	17. CMOS	WCA/OCCA	3.18
6. ACA/OCONUS	CMOS	3.7	18. WCA/OCCA	CMOS	3.19
7. CMOS	ADAM III	3.8	19. CMOS	CMOS	3.20
(OFF-BASE)					
8. ADAM III	CMOS	3.9			
(OFF-BASE)					
9. CMOS	B-TWRAPS	3.10			
10. CMOS	ACA-CONUS	3.11			

RATIONALE:

Organizing the interfaces into complementary groups will tie together the functional processes at work and give the document cohesiveness. This proposed structure will also make better use of the figures depicting the interfaces. Presently, the text descriptions of the data flow are often separated from the appropriate figure. One additional interface (8 above) was added to this table. See Comment 03 for an explanation.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0005
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 9

PARA NUMBER: Figure 3.1

COMMENT OR RECOMMENDED CHANGE:

Delete the line of communication between the SBSS and the CMOS Host.

RATIONALE:

The necessity for a line depicting the communications for the SBSS Protocol Converter was eliminated with the ECP dated Jan 12, 1990.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0006
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 10

PARA NUMBER: 3.2 c.

COMMENT OR RECOMMENDED CHANGE:

Change line 2 to read, "CMOS IRD/SBSS-01 and SBSS-03." Move "CMOS IRD/SBSS-02" to paragraph 3.3 c.

RATIONALE:

The CMOS IRD/SBSS-02 covers the Shipment Suspense Status which is a CMOS generated message passed to SBSS.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0007
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 11

PARA NUMBER: 3.2.1, 3.2.2.1

COMMENT OR RECOMMENDED CHANGE:

Change "Table 3.2.2a" to "3.2.2b" in paragraph 3.2.1. Delete the Shipment Suspense Status message in paragraph 3.2.2.1 and insert in paragraph 3.3.2.

RATIONALE:

As explained in the Shipment Suspense Status description, this notice is passed from CMOS to SBSS for the purpose of clearing a record suspense. The table referred to in line 4 is the Shipment Status Notification. CMOS IRD/SBSS-02 covers the Shipment Suspense Status which is a CMOS to SBSS message. Therefore, it belongs in paragraph 3.3.2.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0008
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL:

TELEPHONE NUMBER:

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 11-35,D5-D83 PARA NUMBER: 3.x.2.x and Appendix D

COMMENT OR RECOMMENDED CHANGE:

Add project unique identifiers for each message description.

RATIONALE:

Project unique identifiers are required for each message description by paragraph 10.1.5.2.2 of DI-MCCR-80027A.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0009
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 11-49,D1-D89 PARA NUMBER: 3.x.1, 3.x.2, Appendix D

COMMENT OR RECOMMENDED CHANGE:

Provide the data element lists and cross references required by paragraphs 10.1.5.2.1 and 10.1.5.2.2 of DI-MCCR-80027A.

RATIONALE:

Comprehensive analysis of the data provided in the various interface record formats, as well as the production of the data element lists required for each interface, should minimize adverse design impacts in four areas:

1. Duplication - Data elements with identical definitions have been assigned multiple unique identifiers. For example, Stock No. has six unique identifiers for the SBSS to CMOS interface. A single data element stored six times in a database design as a unique item will result in concurrency and redundancy problems common in flat file structures.
2. Misnomers - Messages and data elements with aliases are unrecognized. For example, Table 3.7.2b refers to "ATCMD (TRAILER DATA)" with undefined data elements and Tables 3.9.2b - 3.9.2d, 3.9.2e, and 3.9.2n-3.9.2p are each occurrences of a Trailer Data Message with data elements defined. As a category of messages, Trailer Data has many aliases that are unaccounted for.
3. Misuse of Data Element Identifiers - Format components such as "BLANK" and "FILLER" have been treated as data elements. These format considerations should not warrant treatment as data elements.
4. Future Development Efforts - The compilation of these data elements is a step toward producing a complete data dictionary upon which to base design efforts.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0010
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 12

PARA NUMBER: 3.2.2.6 b.

COMMENT OR RECOMMENDED CHANGE:

Change the narrative to read, "... timely manner, the SBSS will send this transaction which will alert CMOS to..." Delete the references to Tables 3.3.2a and 3.2.2a.

RATIONALE:

The "Follow-up to CMOS Record" triggers the CMOS action being described. As written, the cause and effect are not clear. Tables 3.3.2a and 3.2.2a do not pertain to the "Follow-up".

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0011
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 12

PARA NUMBER: 3.3 c.

COMMENT OR RECOMMENDED CHANGE:

Add "CMOS IRD/SBSS-02" and delete "SBSS-03".

RATIONALE:

The CMOS furnished Shipment Suspense Status is found in SBSS-02 while SBSS-03 covers the Shipment Status Notification which is an SBSS provided message.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0012
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 12 and 13

PARA NUMBER: 3.2.4.1 and 3.3.4.1

COMMENT OR RECOMMENDED CHANGE:

Provide all protocols used for the CMOS to SBSS and SBSS to CMOS interfaces.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A. Specifically, it does not list all protocols associated with the SBSS to CMOS interface. ICI is a proprietary (debatably applications layer) protocol that, along with other protocols representing other layers, completes transmissions. These other protocols are not listed in this paragraph.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0013
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 12 and 13

PARA NUMBER: 3.3.1 and 3.3.2

COMMENT OR RECOMMENDED CHANGE:

Delete Table 3.2.2a.

RATIONALE:

Table 3.2.2a is the Shipment Status Notification, a message passed from SBSS to CMOS, not CMOS to SBSS.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0014
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 12 - 50

PARA NUMBER: 3.x.3

COMMENT OR RECOMMENDED CHANGE:

Include the relative priority of the interfaces and messages in these paragraphs.

RATIONALE:

These paragraphs do not satisfy paragraph 10.1.5.2.3 of DI-MCCR-80027A which requires that the relative priority of each interface and its associated messages be specified. The single paragraph supplied for each interface addresses the priority of shipments which is unrelated to the relative priority of the interface and the relative priority of each message transmitted across the interface. Lack of pertinent message and interface considerations, particularly during communications software design, will result in message queuing or system communications that operate in a degraded mode.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0015
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 12-49

PARA NUMBER: 3.x.4

COMMENT OR RECOMMENDED CHANGE:

Include an appendix with illustrations similar to Figure 3.1.3.1.3 found on page 10 of the Final SSS, (dated March 30, 1990). This appendix should be accompanied by a single description of each protocol and referenced from the "Communications Protocols" paragraphs.

RATIONALE:

The paragraphs under the heading "Communications Protocols" are not in compliance with DI-MCCR-80027A which requires that the communications protocols associated with each interface be listed and described. These paragraphs supply a partial listing of applicable protocols and increase the volume of the text with verbatim descriptions. The recommended illustrations could be used to present each protocol scheme and insure that each layer of the DOD model is represented to provide a complete treatment of the DID requirement. Each 3.x.4 paragraph could then reference a new appendix for protocol descriptions and the applicable scheme. The MAC Standard Header and "TZZ" delimiter should be included in this appendix and deleted from Appendix D.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0016
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 14

PARA NUMBER: 3.4 c.

COMMENT OR RECOMMENDED CHANGE:

Delete CMOS IRD/ADAM III-05, 06a, 06b, 07a, and 07b from this paragraph.

RATIONALE:

The only data passed from CMOS (ACA/OCONUS) to ADAM III are ATCMDs and Trailers.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0017
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 14

PARA NUMBER: 3.4.1

COMMENT OR RECOMMENDED CHANGE:

Change the tables describing the CMOS-ADAM III on-base interface to match the Advance ATCMD and Trailer messages being passed.

RATIONALE:

The tables listed are incorrect.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0018
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 14

PARA NUMBER: 3.4.2

COMMENT OR RECOMMENDED CHANGE:

Add the Advance TCMD and Trailer message descriptions.

RATIONALE:

These are the only data CMOS (ACA/OCONUS) will pass to ADAM III on-base.
See CMOS IRD/ADAM III-04.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0019
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 14

PARA NUMBER: 3.4.2 a.

COMMENT OR RECOMMENDED CHANGE:

Treat the MAC Standard Header and the 570/580 (DIC "TZZ") delimiters as components of the protocol necessary to interface with ADAM III.

RATIONALE:

The MSH and the "TZZ" delimiter are treated in an inconsistent fashion throughout the IDD. The paragraph referenced above treats the MSH along with standard protocols. Paragraph 3.12.2.1 treats it as a message. Paragraph 3.12.2.10 treats the "TZZ" delimiter as a message as well. In reality, these three components are used to package records for transmission to ADAM III. In the case of a single record transmission, only the MSH header is necessary. In the case of multiple records in a single transmission, the MSH is followed by the 570, the data records (e.g., a series of ATCMDs), and ends with the 580. The DIC "TZZ" delimiter is an end of message marker. Given the usage of these items, they should be included in a single protocol description (with Tables 3.12.2a and 3.12.2j) under each communication protocol paragraph for each ADAM III interface, or treated as recommended in Comment 15.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0020
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 14

PARA NUMBER: 3.4.2 c.

COMMENT OR RECOMMENDED CHANGE:

The formatting and transfer of message data to an MS-DOS floppy diskette is inconsistent with the process described in the SRS Communications CSCI.

RATIONALE:

According to the SRS, this process will be managed in the Communications CSCI by the ADAM III formatter (SC 273). The IDD assigns this responsibility to the Applications CSCI.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0021
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 14

PARA NUMBER: 3.4.2.1 - 3.4.2.4

COMMENT OR RECOMMENDED CHANGE:

Delete the messages in 3.4.2.1 to 3.4.2.3. Move the message in 3.4.2.4 to 3.5.2.2.

RATIONALE:

CMOS will not pass these data from the ACA/Overseas to the aerial port. ADAM III will pass truck manifest data to CMOS when the aerial port and TMO are collocated, (ADAM III to CMOS On-Base).

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0022
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 15

PARA NUMBER: 3.4.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols for the CMOS to ADAM III (On- Base) interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A. In essence, it does not list all protocols associated with the CMOS to ADAM III (On-Base) interface. Additionally, the protocols or other provisions necessary to allow ADAM III to accept CMOS data on 5 1/4 floppies are not described.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0023
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 16

PARA NUMBER: 3.4.4.4

COMMENT OR RECOMMENDED CHANGE:

Explain or delete the reference to "TELNET" in this paragraph.

RATIONALE:

Since there is no requirement for CMOS users to log on to the ADAM III system as actual ADAM III users, it is unclear why TELNET has been included in the list of protocols associated with the CMOS to ADAM III interface. Its presence should be explained or deleted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0024
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 16

PARA NUMBER: 3.5

COMMENT OR RECOMMENDED CHANGE:

Add the phrase "(On-Base)" to the title.

RATIONALE:

The nature of ADAM III to CMOS data exchange is predicated upon the location of the two systems in relation to one another. When aerial ports and TMOs are collocated, Truck Manifest, TCMD, and Trailer data are passed from ADAM III to CMOS.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0025
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 16

PARA NUMBER: Figure 3.5

COMMENT OR RECOMMENDED CHANGE:

Delete "(Off-Base)" and insert "(On-Base)". Delete all the transactions. Insert: "Truck manifest, TCMD, and Trailer data from ADAM III to CMOS". This applies to the following figures: 3.8, 3.9, 3.11, 3.12, and 3.14. Develop a comparable figure for the SBSS/CMOS interfaces.

RATIONALE:

This figure should represent the ADAM III to CMOS (On-Base) interface. The other figures mentioned should represent corresponding interfaces.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0026
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 16

PARA NUMBER: 3.5 c.

COMMENT OR RECOMMENDED CHANGE:

Delete CMOS IRD/ADAM III-04, 06a, 06b, 07a, and 07b.

RATIONALE:

This interface is covered in CMOS IRD/ADAM III-05 alone.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0027
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 17

PARA NUMBER: 3.5.2.2 and 3.5.2.3

COMMENT OR RECOMMENDED CHANGE:

Delete these data messages.

RATIONALE:

The 410 and 405 messages are not part of this interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0028
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL:

PAGE NUMBER: 18

PARA NUMBER: 3.5.4

COMMENT OR RECOMMENDED CHANGE:

Provide the communications protocols associated with the on-base ADAM III to CMOS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that it does not describe all protocols associated with the on-base ADAM III to CMOS interface. Nor are the protocols or other provisions necessary to allow CMOS to accept data on 5 1/4 floppies from on-base ADAM III described.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0029
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 19

PARA NUMBER: 3.5.4.4

COMMENT OR RECOMMENDED CHANGE:

Explain or delete the reference to "TELNET".

RATIONALE:

Since there is no requirement for ADAM III users to log on to CMOS as actual CMOS users, it is unclear why TELNET has been included in the list of protocols associated with the ADAM III to CMOS interface. Its presence should be explained or deleted.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0030
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 20

PARA NUMBER: 3.6.2.5

COMMENT OR RECOMMENDED CHANGE:

Delete the "A" from Functional Account Code 4227.

RATIONALE:

The FACs for surface freight outbound (small installation) and surface freight outbound (large installation) are distinguished by the suffix "A".

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0031
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 22

PARA NUMBER: 3.7.2.3

COMMENT OR RECOMMENDED CHANGE:

Delete the ADRSS Control Record.

RATIONALE:

This record is covered as a communications protocol in paragraph 3.7.4.3. Its description and table are candidates for inclusion in the new appendix described in Comment #15.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0032
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 22

PARA NUMBER: 3.7.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols associated with the CMOS to ACA/CONUS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that the list of protocols associated with the CMOS to ACA/CONUS interface is incomplete.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0033
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 23

PARA NUMBER: 3.8.1

COMMENT OR RECOMMENDED CHANGE:

Delete the reference to Table 3.8.2c.

RATIONALE:

This table depicts the ACA E-mail challenge message passed to the CMOS station requesting air clearance.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0034
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 25

PARA NUMBER: 3.8.2.3

COMMENT OR RECOMMENDED CHANGE:

Delete this paragraph.

RATIONALE:

This message is passed from the ACA to CMOS and, therefore, belongs in paragraph 3.17.2.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0035
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 25

PARA NUMBER: 3.8.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols for the CMOS to ACA/OCONUS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that it does not list all protocols associated with the CMOS to ACA/OCONUS interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0036
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 26

PARA NUMBER: 3.9 c. and d.

COMMENT OR RECOMMENDED CHANGE:

Move "CMOS IRD/CCP-06, dated 21 Dec 87" to the CCP to CMOS interface in paragraph 3.18. Delete from the purpose the following: "as well as manifest data from CCP to the overseas consignee (figure 3.9)".

RATIONALE:

The IRD pertains to the CCP manifest data that will be passed to the CMOS destination receiving the shipment.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0037
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 27, 28

PARA NUMBER: 3.9.2.5-11, 13, 15, 16

COMMENT OR RECOMMENDED CHANGE:

Move these paragraphs to paragraph 3.18.2.

RATIONALE:

These message descriptions are for manifest data passed by CCP to CMOS.
They are explained in the CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0038
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 29

PARA NUMBER: 3.9.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols that are associated with the CMOS to CCP interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that it does not list all protocols associated with the CMOS to CCP interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0039
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 29

PARA NUMBER: 3.10

COMMENT OR RECOMMENDED CHANGE:

Delete the "CMOS IRD/AFDCO-01".

RATIONALE:

The purpose of the CMOS interface with AFDCO is to pass ATCMD/Trailer data to the Shipper Service Control Office. This data transfer is described in the CMOS to ACA/CONUS interface in paragraph 3.7.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0040
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 32

PARA NUMBER: 3.10.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols that are associated with the CMOS to ETADS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that it does not list all of the protocols associated with the CMOS to ETADS interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0041
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 32

PARA NUMBER: 3.11 c.

COMMENT OR RECOMMENDED CHANGE:

Change the interface authority to: CMOS IRD/SC&D 10, 12, 13, and 15.

RATIONALE:

The remaining interfaces pertain to SC&D generated data passed to CMOS.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0042
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 32

PARA NUMBER: 3.11 d.

COMMENT OR RECOMMENDED CHANGE:

Delete the words, "this interface" in line 1 and insert "SC&D".

RATIONALE:

This sentence describes SC&D; the interface between CMOS and SC&D is described in the second sentence.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0043
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 33

PARA NUMBER: 3.11.1

COMMENT OR RECOMMENDED CHANGE:

Add 3.11.2o to the list of tables.

RATIONALE:

CMOS has agreed to pass Acknowledgement of Receipt for REPSHIPS to SC&D.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0044
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 34

PARA NUMBER: 3.11.2.1 and 3.11.2.2

COMMENT OR RECOMMENDED CHANGE:

Add Table 3.11.2a to paragraph 3.11.2.1 and Table 3.11.2b to paragraph 3.11.2.2.

RATIONALE:

The tables are not referenced in the message descriptions.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0045
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 34

PARA NUMBER: 3.11.2.2 c.

COMMENT OR RECOMMENDED CHANGE:

Add the following words to the last line, "... , via menu selection and screen input."

RATIONALE:

The text does not capture all the requirements presented in the ECP (para 16.2.4(3)) dated Jan 12, 90.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0046
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 35

PARA NUMBER: 3.11.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols that are associated with the CMOS to SC&D interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that it does not list all protocols associated with the CMOS to SC&D interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0047
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 36

PARA NUMBER: 3.12 c.

COMMENT OR RECOMMENDED CHANGE:

Move the following authority/directive references to the ADAM III to CMOS (Off-Base) interface: CMOS IRD/ADAM III-03a, 03b, 06a, and 06b.

RATIONALE:

These IRDs describe messages originating at ADAM III (Off-Base) sites and should be referenced in a paragraph for the ADAM III to CMOS (Off-Base) interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0048
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 36

PARA NUMBER: 3.12 d.(2)

COMMENT OR RECOMMENDED CHANGE:

Insert "900" between "Transmit" and "air manifest" in the first line.

RATIONALE:

"900" is necessary to describe the particular air manifest referenced by this paragraph.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0049
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/22/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SATC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 36

PARA NUMBER: 3.12 d.(3)

COMMENT OR RECOMMENDED CHANGE:

Change "300" to "330" in the first line.

RATIONALE:

The correct transaction number for the Delete Manifest Transaction is 330.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0050
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 38

PARA NUMBER: 3.12.2.7 and 3.12.2.8

COMMENT OR RECOMMENDED CHANGE:

Delete paragraphs 3.12.2.7 and 3.12.2.8.

RATIONALE:

The 410 Confirmation of Lifted Manifest Record and 405 Rejected Lift Notice are passed from ADAM III (DPS-6) to CMOS and should not be included here.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0051
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 38

PARA NUMBER: 3.12.2.11

COMMENT OR RECOMMENDED CHANGE:

Change "host" in the third line to "HOST".

RATIONALE:

The host referred to in this paragraph is the MAC HOST. In this usage, HOST is an acronym for Headquarters On-line System for Transportation.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0052
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 38

PARA NUMBER: 3.12.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols for the CMOS to ADAM III (Off-Base) interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that it does not list all protocols associated with the CMOS to ADAM III (Off-Base) interface. In addition, the protocols or other provisions necessary to allow ADAM III to accept data on 5 1/4 floppies are not described.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0053
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 39

PARA NUMBER: 3.13 c.

COMMENT OR RECOMMENDED CHANGE:

Change the interface agreement number to CMOS-IRD CDCP-01.

RATIONALE:

The IRD referenced in paragraph 3.13 c. does not correspond to the most current IRD.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0054
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 40

PARA NUMBER: 3.13.2.1

COMMENT OR RECOMMENDED CHANGE:

Add "1/2" to the DIC.

RATIONALE:

The DIC is a three position field.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0055
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 40

PARA NUMBER: 3.13.4

COMMENT OR RECOMMENDED CHANGE:

Provide all the communications protocols associated with the CMOS to CDCP interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A. Specifically, it does not list all protocols associated with the CMOS to CDCP interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0056
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 42

PARA NUMBER: 3.14.2

COMMENT OR RECOMMENDED CHANGE:

Add paragraphs 3.14.2.5 and 3.14.2.6 entitled Household Goods and Baggage Ownership Data (DIC T-8) and Miscellaneous Trailer Data (DIC T-9).

RATIONALE:

These messages are present in Tables 3.14.2e and 3.14.2f, but are not described in the text.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0057
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 42

PARA NUMBER: 3.14.4

COMMENT OR RECOMMENDED CHANGE:

Provide all the communications protocols that are associated with the CMOS to WCA/OCCA interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A; it does not list all protocols associated with the CMOS to WCA/OCCA interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0058
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 43

PARA NUMBER: 3.15 c., 3.15.1, 3.15.2

COMMENT OR RECOMMENDED CHANGE:

Change the Interface Authority/Directive to: CMOS IRD/SC&D 9, 11, 14, and 16.

RATIONALE:

These messages, and the tables that depict the data elements within the messages, should be identified in the subordinate paragraphs. The messages and data elements for the SC&D to CMOS portion of the interface are distinct from the CMOS to SC&D component.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0059
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 44

PARA NUMBER: 3.15.4

COMMENT OR RECOMMENDED CHANGE:

Provide the communications protocols that are associated with the SC&D to CMOS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A; it does not list all protocols associated with the SC&D to CMOS interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0060
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 44

PARA NUMBER: 3.16 b.

COMMENT OR RECOMMENDED CHANGE:

Delete lines 10 through 23, beginning with: "This interface . . .".

RATIONALE:

All CMOS sites will have connectivity with the SBSS via a DDN concentrator.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0061
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 46

PARA NUMBER: 3.16.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols that are associated with the CMOS to CMOS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A in that it does not list all protocols associated with the CMOS to CMOS interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0062
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 47

PARA NUMBER: 3.17.1

COMMENT OR RECOMMENDED CHANGE:

Delete the two sentences in this paragraph and write a data element description from the perspective that ACA generated challenge/release messages are being transmitted to CMOS. Reference Table 3.8.2 c.

RATIONALE:

The data element descriptions referenced in paragraph 3.8.1 reflect the CMOS to ACA/OCONUS interface (ATCMD and Trailers) as well as the challenge/release notification.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0063
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 47

PARA NUMBER: 3.17.4

COMMENT OR RECOMMENDED CHANGE:

Provide all communications protocols that are associated with the
ACA/Overseas to CMOS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of
DI-MCCR-80027A in that it does not include all protocols associated with
the ACA/Overseas to CMOS interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0064
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Vivian L. Martin

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 49

PARA NUMBER: 3.18.4

COMMENT OR RECOMMENDED CHANGE:

Provide the communications protocols that are associated with the CCP to CMOS interface.

RATIONALE:

This paragraph is not in compliance with paragraph 10.1.5.2.4 of DI-MCCR-80027A; it does not include all the protocols associated with the CCP to CMOS interface.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0065
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-5

PARA NUMBER: Table 3.2.2a

COMMENT OR RECOMMENDED CHANGE:

Add the first occurrence message format elements from the ECP (See page A3-2).

RATIONALE:

This table is incomplete.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0066
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-7

PARA NUMBER: Table 3.2.2e

COMMENT OR RECOMMENDED CHANGE:

Add the first occurrence message format elements from the ECP (See page A3-16).

RATIONALE:

This table is incomplete.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0067
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-21

PARA NUMBER: Table 3.2.2j

COMMENT OR RECOMMENDED CHANGE:

Delete "System Designation" and change the position/length/type column for "Filler" to 71 - 80 (See ECP page A3-13).

RATIONALE:

This table is incorrect.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0068
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-24

PARA NUMBER: Table 3.3.2a

COMMENT OR RECOMMENDED CHANGE:

Add the first occurrence data format elements from the ECP (A3-17).

RATIONALE:

This table is incomplete.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0069
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-40

PARA NUMBER: Table 3.6.2j

COMMENT OR RECOMMENDED CHANGE:

Change the title of DEN 172 to "Packaging DIREPS Received".

RATIONALE:

The table conflicts with CMOS IRD/B-TWRAPS-01.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0070
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-46

PARA NUMBER: Table 3.9.2c

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add CCP as a source CSCI and CMOS Communications as a destination CSCI.

RATIONALE:

Outsized Trailer Data is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0071
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-48

PARA NUMBER: Table 3.9.2e

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

MILVAN or SEAVAN Basic TCMD data is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0072
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-48

PARA NUMBER: Table 3.9.2f

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

MILVAN or SEAVAN Misc Information Data is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0073
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2000

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-49

PARA NUMBER: Table 3.9.2g

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Loose Shipment Loaded in MILVAN/SEAVAN Basic TCMD is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0074
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-49

PARA NUMBER: Table 3.9.2h

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Consolidation Container Loaded in SEAVAN/MILVAN is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0075
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-50

PARA NUMBER: Table 3.9.2i

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Shipment in Consolidated Container Loaded in MILVAN/SEAVAN Basic TCMD is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0076
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-50

PARA NUMBER: Table 3.9.2j

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Consolidation Container Not Loaded in SEAVAN/MILVAN is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0077
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-51

PARA NUMBER: Table 3.9.2k

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Shipment in Consolidation Container Basic TCMD is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0078
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-51

PARA NUMBER: Table 3.9.21

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add CCP as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

Miscellaneous Trailer Data is also passed from CCP to CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0079
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-52

PARA NUMBER: Table 3.9.2m

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Vendor Outsized Trailer Data is passed from CCP to CMOS under CMOS
IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0080
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-52

PARA NUMBER: Table 3.9.2n

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add CCP as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

Explosives and Dangerous Articles Data is also passed from CCP to the CMOS consignee under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0081
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-53

PARA NUMBER: Table 3.9.2o

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Household Goods and Baggage Ownership Data is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0082
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-53

PARA NUMBER: Table 3.9.2p

COMMENT OR RECOMMENDED CHANGE:

Change the source CSCI to CCP and the destination CSCI to CMOS.

RATIONALE:

Household Goods and Baggage Misc Data is passed from CCP to the consignee CMOS under CMOS IRD/CCP-06.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0083
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-78

PARA NUMBER: Table 3.12.2b

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add ADAM III as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

The Downline Manifest is also passed from ADAM III to CMOS under CMOS IRD/ADAM III-03a.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0084
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-78

PARA NUMBER: Table 3.12.2c

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add ADAM III as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

The Manifest Header accompanies the Downline Manifest in being passed from ADAM III to CMOS.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0085
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-79

PARA NUMBER: Table 3.12.2d

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add ADAM III as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

The Cargo Pallet Header accompanies the Downline Manifest in being passed from ADAM III to CMOS.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0086
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-80

PARA NUMBER: Table 3.12.2e

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add ADAM III as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

The Prime TCMD accompanies the Downline Manifest in being passed from ADAM III to CMOS.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0087
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-81

PARA NUMBER: Table 3.12.2f

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add ADAM III as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

The Abort Mission Transaction is also passed from ADAM III to CMOS under CMOS IRD/ADAM III-3b.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0088
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-81

PARA NUMBER: Table 3.12.2g

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add ADAM III as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

The Confirmation of Lifted Manifest Record is also passed from ADAM III to CMOS under CMOS IRD/ADAM III-6a.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0089
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-81

PARA NUMBER: Table 3.12.2h

COMMENT OR RECOMMENDED CHANGE:

In a new line under the source/destination CSCIs, add ADAM III as a source CSCI and CMOS as a destination CSCI.

RATIONALE:

The Rejected Lift Notice is also passed from ADAM III to CMOS under CMOS IRD/ADAM III-6b.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []

ORIGINATOR CONTROL NUMBER: IDD1-0090
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-01

DATE: 04/29/90

ORIGINATOR NAME: Gerald T. Love

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-82

PARA NUMBER: None

COMMENT OR RECOMMENDED CHANGE:

Add a 570 delimiter (start of message) between Tables 3.12.2i and 3.12.2j.

RATIONALE:

In ADAM III, transmissions involving multiple records, such as the ATCMD and the Lifted Manifest, require the use of start and stop delimiters. These are used to verify the accuracy of transmissions with variable length records. This delimiter and its table are candidates for inclusion in the new appendix described in Comment #15.

CMOS PMO ACCEPTS COMMENT: YES [] NO []

ERCI ACCEPTS COMMENT: YES [] NO []

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [] CLOSED []