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TECHNICAL REPORT
On
Cargo Movement Operations System (CMOS)

BRIDGE DOCUMENT

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5 December 1989

Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL #A004-37

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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Prepared by

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

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SECTION I

1. INTRODUCTION

a. The purpose of this Technical Report is to comment on the HQ USAF/LETX prepared document (bridge document), which was provided by the government. The results are provided in matrix format.

b. This report focused on tracing the bold-faced requirements in the bridge document against the Increment II contract specifications.

c. The following assumptions were made:

1) Increment II requirements will be built onto the baselined Increment I System Segment Specification.
2) The Increment II contract specifications are to be used as the basis for comparison.
3) The bold-faced requirements fall into three categories:
   a) Those in scope (Yes).
   b) Those requirements not explicitly stated but that an inference can be drawn from the nature of the function or capability (Derived).
   c) Those clearly out of scope (No).
4) All interface requirements will be negotiated into the applicable Interface Requirements Document (IRD) for inclusion into Increment II. These are identified in the remarks section of the matrix with the interface name followed by "IRD".

2. SUMMARY

a. The HQ USAF/LETX prepared document provides a structured, incremental transition from the Increment I System Segment Specification to a preliminary statement of Increment II requirements. The building onto the Increment I specification is certainly a smart approach. Functional duplicity is held at a minimum, and just as important, the transportation community is moving towards operating the same way during either peacetime or crisis situations. For the most part, the bridge document has a great deal in common with the Increment II specification. However, two instances were found in which the Increment I specification was changed or deleted. As an example, the

decision not to require history and archiving in paragraph 3.2.1.1.1.10 was changed to reflect a need for history and archiving. In paragraph 3.2.1.1.1.17, the narrative was updated to reflect Increment II interface requirements; however, the deletion of parts of the Increment I requirement may need to be reexamined from a configuration management standpoint.

b. One area stood out as a potential problem. Many of the bridge document requirements, categorized as out of scope, are linked to the introduction of PC UNIX. The shift from MS DOS seems directed at permitting the LGTX function to access all of the tasks associated with the other work centers, without wading through a series of log on and log off commands; however, the same effect can be achieved in CMOS by using MS-DOS windows. Using PC UNIX as the PC operating system clashes with the conventional approach of building onto instead of discarding the Increment I capability. This action will increase the risk of problems in the area of software design. Additionally, adopting PC UNIX at this late date will negate some of the Increment I development efforts, particularly with regards to the MS DOS interfaces written for the applications and communications CSCIs.

c. The final observation concerns the role of the LGTX function as the focal point for mobility operations. This strategy is predicated on having two LGTX PC workstations, one processing unclassified data interactively with the other CMOS functions, and the other processing classified data off-line on a TEMPEST PC and printer. The Increment II SSS says there will be "no direct electronic connection between the LGTX workstation and the CMOS system". In order to reconcile this conflict, the CMOS hardware architecture must be changed to show two LGTX workstations.

3. CONCLUSION

a. Each bold-faced paragraph was segmented into appropriate shall statements or notes for ease of mapping against the Increment II contract specification.

b. There are 358 shall statements or notes incorporated in the bold-faced requirements. Of these, 157 were in scope and specific Increment II paragraphs are referenced. There were 170 shall statements and notes which, in our opinion, are legitimate requirements but were not

specifically found in the Increment II specification; nevertheless, they could be associated or derived from this specification. In many instances, appropriate paragraphs were cited. The remaining 31 were clearly out of scope. The majority of these were either new interfaces or were related to the PC UNIX issue discussed in paragraph b of the Summary.

c. Of the 358 shall statements or notes, 327 are valid requirements with 31 of them being out of scope. Therefore, we submit that the HQ USAF/LETX document may, indeed, serve as a preliminary Increment II specification.

SECTION II

RESULTS

A matrix of requirements is contained in the following pages:

ITEM	BRIDGE DOC PARA	INC II PARA	IN SCOPE YES	IN SCOPE DRV	IN SCOPE NO	REMARKS
1	3.1.2					
A	Note 1	3.1.2	X			
B	SS 001	3.1.2	X			
C	Note 2	3.2.1b	X			
D	Note 3	3.2.1b		X		
E	SS 002	3.2.4.4		X		
F	Note 4	3.2.1.2.12	X			
G	Note 5	3.2.4.4.1	X			
H	Note 6	3.2.1.2.9.1.1	X			
I	Note 7	3.2.4.5.1	X			
2	3.1.3.1.1.f				X	NOT REFERENCED; HOWEVER, THIS CAPABILITY MAY BE AVAILABLE WITH A CHANGE TO THE SMSCRC.
3	3.1.3.1.2				X	SEE SUMMARY, PARA 2b
4	3.1.3.1.3c					
A	Note 1	6.1.1.2c	X			
B	Note 2	6.1.1.2c		X		
C	SS 001	6.1.1.2c		X		
5	3.1.3.2					
A	Note 1	3.1.3.2c	X			
B	Note 2	3.1.3.2b	X			
C	Note 3	3.1.3.2e	X			
6	3.1.4					
A	Note 1	3.2.1.1	X			
B	Note 2	3.2.3	X			BLA & F IS NOT AN INC II INTERFACE.
C	Note 3	3.2.3	X			
7	3.1.4.5.				X	AFEMS IS NOT AN INC II INTERFACE.
8	3.2.1.1.1.1	3.1.3.2	X			
9	3.2.1.1.1.4					
A	Note 1	3.2.1.2.14.4		X		
B	Note 2	3.2.1.2.14.4	X			

ITEM	BRIDGE DOC PARA	INC II PARA	IN SCOPE YES	IN SCOPE DRV	IN SCOPE NO	REMARKS
10	3.2.1.1.1.4a	3.2.2	X			TCAIMS/TCACCIS IRD
11	3.2.1.1.1.4c	3.2.1.2.14.4	X			
12	3.2.1.1.1.4e	3.2.2	X			
13	3.2.1.1.1.4h	3.2.3		X		TCAIMS/TCACCIS/DAMMS-R/ADAM III IRD'S
14	3.2.1.1.1.8.3					
A	SS 001	3.2.1.2.14.4	X			
B	SS 002	3.2.1.2.14.4		X		
C	SS 003		X			SEE INC I SSS PARA 3.2.1.1.1.8.1
D	SS 004		X			SEE INC I SSS PARA 3.2.1.1.1.8.1 EXCEPT LGTX WHICH IS DERIVED
E	SS 005	3.2.1.2.14.4	X			TCAIMS/TCACCIS IRD
15	3.2.1.1.1.10					
A	Note 1		X			GENERAL SYS FUNCTION; INC I SSS PARA 3.2.1.1.1.2, THIS IS A CHANGE FROM INC I SSS WHICH SAYS "NO HISTORY OR ARCHIVING FOR THIS FILE".
B	SS 001		X			INC I SSS PARA 3.2.1.1.1.10, WITH THE FOLLOWING PHRASE DELETED: "VIA WINDOWING".
C	Note 2	3.2.1.2.3		X		
16	3.2.1.1.1.11	3.2.1.2.3	X			
17	3.2.1.1.1.15					
A	Note 1	3.1.32	X			
B	SS 001	Page 19 (9) b		X		
C	SS 002	Page 19 (9) b	X			
D	SS 003	Page 19 (9) b		X		
E	SS 004	Page 19 (9) b		X		
18	3.2.1.1.1.16					
A	SS 001	3.1.4.5i3	X			CFM IRD
B	SS 002	3.2.3		X		CFM IRD
19	3.2.1.1.1.17					
A	SS 001	3.2.3	X			METS/ASPUR IRD

ITEM	BRIDGE DOC PARA	INC II PARA	IN SCOPE YES	IN SCOPE DRV	IN SCOPE NO	REMARKS
B	SS 002	3.2.3		X		IBS IRD
C	SS 003				X	SEE INC I SSS PARA 3.2.1.1.1.17; THIS IS A CHANGE FROM THAT SPEC WHICH HAD SHIPMENT PLANNING PC WORKSTATION TO ENTER THE ETR DATA FOR THE SYSTEM MATCHING THE DATA.
20	3.2.1.1.1.20c					
A	SS 001	3.1.4.5j1, 4	X			
B	SS 002	3.2.2(c)	X			TCAIMS/TCACCIS IRD
21	3.2.1.1.1.20d					
A	SS 001	3.2.3	X			ADAM III IRD
B	SS 002	3.2.3	X			DAMMS-R IRD
22	3.2.1.1.1.26					
A	SS 001				X	ACCOUNTING AND FINANCE NOT A VALIDATED INC II REG.
B	SS 002				X	ACCOUNTING AND FINANCE NOT A VALIDATED INC II REG.
C	SS 003				X	ACCOUNTING AND FINANCE NOT A VALIDATED INC II REG.
23	3.2.1.1.1.28					
A	SS 001	3.2.1.2.5		X		
B	SS 002			X		
C	SS 003	3.2.1.2.3	X			SEE INC I SSS PARA 3.2.1.2.3, 3.7.5d
D	Note 1			X		
24	3.2.1.1.1.29					
A	SS 001	3.2.1.2.4	X			
B	SS 002	3.2.1.2.4		X		
C	SS 003			X		MOBILITY REQ TO MONITOR FRUSTRATED IN CONTRAST TO MAC APPROACH, POTENTIAL CONFLICT TO SYSTEM MERGE.
D	SS 004			X		
E	SS 005	3.2.4.4	X			
25	3.2.1.1.1.30	3.2.1.2	X			
26	3.2.1.1.2.1	3.2.1(b)	X			
27	3.2.1.1.2.2					
A	SS 001			X		

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
B	SS 002			X		
C	SS 003			X		
28	3.2.1.1.3.1				X	SEE ITEM 2 ABOVE
29	3.2.1.1.3.2			X		
30	3.2.1.1.5					
A	SS 001	3.2.1.2.7	X			
B	SS 002	3.2.4.5.1c	X			HOWEVER, FREQUENCY IN INC II IS 1427 TO 1435 MHZ.
31	3.2.1.1.7	3.1.4.2			X	INC II PARA SPECIFICALLY CALLS FOR AIR GAP.
32	3.2.1.1.8.1					
A	SS 001			X		
B	SS 002			X		
C	SS 003			X		
D	SS 004	3.2.4.4	X			
33	3.2.1.1.8.8					
A	SS 001	3.2.3	X			ETADS IRD
B	SS 002	3.2.3	X			ETADS IRD. THIS SHOULD BE A "WILL" STATEMENT.
C	SS 003	3.2.3	X			ETADS IRD
34	3.2.1.1.8.10					
A	SS 001	3.2.3	X			ADAM III IRD
B	SS 002	3.2.3	X			ADAM III IRD
35	3.2.1.1.8.11	3.2.3	X			ADAM III IRD
36	3.2.1.2	3.1.3.2	X			
37	3.2.1.2.1.3.1					
A	Note 1	3.1.3.2	X			
B	Note 2	3.2.1.2.5	X			
38	3.2.1.2.1.3.2					
A	Note 1	3.1.3.2		X		

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
B	Note 2			X		
39	3.2.1.2.1.3.3					
A	Note 1	3.2.1.2.11.1	X			
B	SS 001	3.2.1.2.11.1	X			
40	3.2.1.2.1.3.4					
A	Note 1	3.2.1.2.9.1.1	X			
B	SS 001	3.2.1.2.9.1.1	X			
C	SS 002				X	CONTRARY TO INC I DESIGN. ACCESS TO MULTIPLE FUNCTIONS TIED TO STANDARD LOG-ON PROCEDURES AND PROTECTED BY PASSWORD.
D	SS 003	3.2.1.2.9.1.1	X			
E	SS 004	3.2.1.2.9.1.1	X			
F	SS 005	3.2.1.2.9.1.1	X			
G	Note 2	3.2.1.2.9.1.1	X			
H	SS 006	3.2.1.2.9.1.1	X			
I	SS 007	3.2.1.2.9.1.1		X		
J	SS 008	3.2.1.2.9.1.1		X		
K	SS 009	3.2.1.2.9.1.1	X			
L	SS 010	3.2.1.2.5	X			
M	SS 011	3.2.1.2.5	X			
N	SS 012	3.2.1.2.9.1.2	X			
O	SS 013	3.2.1.2.9.1.2	X			
P	SS 014	3.2.1.2.9.1.1	X			
Q	SS 015	3.2.1.2.9.1.2	X			
R	SS 016	3.2.1.2.9.1.2	X			
S	SS 017			X		
T	SS 018			X		
41	3.2.1.2.1.3.4c				X	CONTRARY TO INC I DESIGN (SEE ITEM 40c ABOVE)
42	3.2.1.2.1.3.4e	3.2.3	X			TCAIMS/ADAM III IRD
43	3.2.1.2.1.3.4f	3.2.3	X			ADAM III IRD (NEED FOR THIS REQUIREMENT IS UNCLEAR.)
44	3.2.1.2.1.3.5					
A	SS 001	3.2.1.2.9.1.1	X			
B	SS 002			X		

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
C	SS 003	3.2.1.2.11.1	X			
D	SS 004			X		
45	3.2.1.2.1.3.7			X		HOWEVER, THIS SS SHOULD BE PLACED UNDER PARA 3.2.1.2.7 AND EXPANDED TO ACCOMODATE UMMIPS AND MAJCOM UNIQUE TIME STANDARDS.
46	3.2.1.2.1.3.8	N/A				BOLD FACE IN ERROR. REQ IDENTICAL TO INC I.
47	3.2.1.2.1.3.9					
A	Note 1		X			
B	SS 001			X		
C	SS 002	3.2.1.2.11.1	X			
D	SS 003			X		
E	SS 004	3.2.1.2.11.1	X			
48	3.2.1.2.1.3.10			X		
49	3.2.1.2.1.3.10.1					
A	Note 1			X		
B	Note 2			X		
50	3.2.1.2.1.3.11					
A	Note 1	3.2.1.2.11.1	X			
B	SS 001	3.2.1.2.9.1.3	X			
C	SS 002	Page 19, para (9)a.	X			
D	SS 003	3.2.1.2.9.1.3		X		
51	3.2.1.2.1.3.13					
A	Note 1	3.2.1.2.11.1	X			
B	Note 2	3.2.1.2.11.1	X			
C	Note 3	3.2.1.2.9.1.1	X			
D	SS 001					THIS SHOULD NOT BE BOLD FACED, INC I REQUIREMENT.
52	3.2.1.2.1.4.1					
A	Note 1	3.2.1		X		
B	SS 001	3.1.4.5i1, 3.2.2(c), 3.1.4.5i4	X			ADAM III/TCAIMS/TCACCIS IRD

ITEM	BRIDGE DOC PARA	INC II PARA	IN SCOPE YES	IN SCOPE DRV	IN SCOPE NO	REMARKS
53	3.2.1.2.2.1.1					
A	SS 001				X	CONTRARY TO INC I DESIGN (SEE ITEM 40c)
B	SS 002	3.2.4.4		X		
54	3.2.1.2.2.3.9					NOTE: BROKE LAST SENTENCE INTO 3 SHALL STATEMENTS.
A	Note 1			X		
B	SS 001			X		ATCMDS COVERED IN INC I.
C	SS 002	3.2.1.2.11.1	X			
D	SS 003			X		INC I CAPABILITY
E	SS 004		X			ADAM III/ETADS IRD
55	3.2.1.2.2.3.10	3.2.3	X			METS II, CFM & ASPUR IRD
56	3.2.1.2.2.4					
A	SS 001	3.2.3	X			DAMMS-R IRD
B	SS 002	3.2.3	X			DAMMS-R IRD
C	SS 003	3.2.1.2.5		X		
D	SS 004			X		INC I CAPABILITY
57	3.2.1.2.3.1.1				X	CONTRARY TO INC I DESIGN (SEE ITEM 40c)
58	3.2.1.2.3.1.7					
A	SS 001	3.2.3	X			ADAM III IRD
B	SS 002	3.2.1.2.9.1.1		X		TCN WILL DISTINGUISH BETWEEN MOBILITY & NONMOBILITY CARGO.
59	3.2.1.2.3.2					NOTE: BROKE SENTENCE INTO 3 SHALL STATEMENTS.
A	SS 001	3.2.1.2.14.4	X			
B	SS 002			X		
C	SS 003	3.2.2d	X			TCAIMS/TCACCIS IRD
60	3.2.1.2.3.2.6					
A	SS 001	3.2.1.2.9.1.1	X			
B	SS 002	3.2.1.2.9.1.1		X		
C	SS 003	3.2.1.2.9.1.1	X			
D	SS 004	3.2.1.2.9.1.1		X		
E	SS 005	3.2.1.2.9.1.1	X			
F	SS 006	3.2.1.2.9.1.1		X		
G	SS 007	3.2.1.2.9.1.1		X		

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
H	SS 008	3.2.1.2.9.1.1	X			
I	SS 009	3.2.1.2.9.1.1		X		
J	SS 010	3.2.1.2.9.1.1		X		
K	SS 011	3.2.1.2.9.1.1		X		
L	SS 012	3.2.1.2.9.1.1		X		
M	SS 013	3.2.1.2.9.1.1		X		
N	SS 014	3.2.1.2.9.1.1		X		
O	SS 015	3.2.1.2.9.1.1		X		
P	SS 016	3.2.1.2.9.1.1		X		
Q	SS 017	3.2.1.2.9.1.1	X			
R	SS 018	3.2.1.2.9.1.1		X		
S	SS 019	3.2.1.2.9.1.1		X		
T	SS 020	3.2.1.2.9.1.1		X		
U	SS 021	3.2.1.2.9.1.1		X		
V	SS 022	3.2.1.2.9.1.1		X		
61	3.2.1.2.3.2.8d	3.1.4.5i1	X			TCAIMS/TCACCIS/ETADS/ADAM III IRD
		3.2.2(c)				
		3.1.4.5i4				
		3.2.3				
62	3.2.1.2.3.3.5.2a					
A	SS 001	3.2.1.2.9.1.1		X		
B	SS 002	3.2.1.2.9.1.1		X		
C	SS 003	3.2.1.2.9.1.1		X		
D	SS 004	3.2.1.2.9.1.1		X		
E	SS 005	3.2.1.2.9.1.1		X		
F	SS 006	3.2.1.2.9.1.1		X		
G	SS 007	3.2.1.2.9.1.1		X		
H	SS 008	3.2.1.2.9.1.1		X		
I	SS 009	3.2.1.2.9.1.1		X		
J	SS 010	3.2.1.2.9.1.1		X		
K	SS 011	3.2.1.2.9.1.1		X		
L	SS 012	3.2.1.2.9.1.1		X		
M	SS 013	3.2.1.2.9.1.1		X		
N	SS 014	3.2.1.2.9.1.1		X		
O	SS 015	3.2.1.2.9.1.1		X		
P	SS 016	3.2.1.2.9.1.1		X		

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
Q	SS 017	3.2.1.2.9.1.1		X		
R	SS 018	3.2.1.2.9.1.1		X		
S	SS 019	3.2.1.2.9.1.1		X		
63	3.2.1.2.3.3.5.2d					
A	SS 001	3.2.1.2.9		X		
B	SS 002	3.2.1.2.9		X		
C	SS 003	3.2.1.2.9		X		
D	SS 004	3.2.1.2.9		X		
E	SS 005	3.2.1.2.9		X		
64	3.2.1.2.3.3.6					
A	SS 001	3.2.1.25		X		
B	SS 002	3.2.1.25		X		
C	SS 003	3.2.1.25		X		
D	SS 004	3.2.1.25		X		
E	SS 005	3.2.1.25		X		
F	SS 006	3.2.1.2.11.1		X		
G	SS 007	3.2.1.2.11.1		X		
H	SS 008	3.2.1.2.11.1		X		
I	SS 009	3.2.1.2.11.1		X		
J	SS 010	3.2.1.2.11.1		X		
K	SS 011	3.2.1.2.11.1		X		
L	SS 012	3.2.1.2.11.1		X		
M	SS 013	3.2.1.2.11.1		X		
N	SS 014	3.2.1.2.11.1		X		
O	SS 015	3.2.1.2.11.1		X		
P	SS 016	3.2.1.2.11.1		X		
Q	SS 017	3.2.1.2.11.1		X		
R	SS 018	3.2.1.2.11.1		X		
S	SS 019	3.2.1.2.11.1		X		
T	SS 020	3.2.1.2.11.1		X		
U	SS 021	3.2.1.2.11.1		X		
V	SS 022	3.2.1.2.11.1		X		
W	SS 023	3.2.1.2.11.1		X		
65	3.2.1.2.3.3.7.1					
A	Note 1	3.2.1.2.5	X			

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	SCOPE NO	REMARKS
B	SS 001	3.2.1.2.5		X		
66	3.2.1.2.3.3.7.2	3.2.1.2.5	X			
67	3.2.1.2.3.3.7.4					
A	Note 1	3.2.3 and 3.2.1.2.5	X			
B	Note 2	3.2.3 and 3.2.1.2.5	X			TCAIMS/TCACCIS IRD
C	Note 3	3.1.4.5j1 3.2.2(c)	X			TCAIMS/TCACCIS IRD
68	3.2.1.2.3.3.7.5					
A	Note 1	3.2.1.2.5		X		
69	3.2.1.2.3.3.7.5e	3.2.2(c) 3.1.4.5i4	X			TCAIMS/TCACCIS IRD
70	3.2.1.2.4.1.1					
A	SS 001				X	CONTRARY TO INC I DESIGN (SEE ITEM 40c)
B	SS 002	3.2.3 3.2.1.2.14.4	X			SC & D, WPS, TCAIMS/TCACCIS IRD
71	3.2.1.2.4.1.9	3.2.1.2.9		X		
72	3.2.1.2.4.2.3					
A	SS 001			X		
B	SS 002			X		
C	SS 003			X		
D	SS 004			X		
73	3.2.1.2.4.2.5e					
A	SS 001			X		
B	SS 002			X		
C	SS 003			X		
D	SS 004			X		
E	SS 005			X		
74	3.2.1.2.4.3.14					
A	SS 001	3.2.1.2.5		X		

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
B	SS 002	3.2.1.2.5		X		
C	NOTE 1	3.2.1.2.5	X			
D	SS 003	p 18 (g)	X			
E	SS 004	3.2.1.2.5		X		
75	3.2.1.2.4.3.20g	3.2.3	X			ETADS IRD
76	3.2.1.2.5.2.9					
A	SS 001			X		METHOD TO HANDLE SHIPMENTS THAT ARRIVE WITHOUT PRIOR CLEARANCE.
B	Note 1			X		SHOULD BE A SHALL STATEMENT. FURTHER PROCEDURAL DEFINITION NEEDED.
77	3.2.1.2.5.2.10					
A	SS 001			X		
B	Note 1			X		PART OF UPGRADE PROCESS
78	3.2.1.2.6					
A	Note 1	3.2.1.2.11	X			
B	Note 2	3.2.1.2.1	X			MOBILITY OPERATIONS WILL RELY ON INC I CAPABILITY.
C	SS 001				X	CONTRARY TO THE DESIGN OF INC I (SEE ITEM 40c)
D	SS 002				X	VIOLATES SAME CONVENTION AS SS 001 ABOVE
E	Note 3			X		REASONABLE APPROACH TO DISTINQUISH MOBILITY OPERATIONS
F	SS 003	3.1.3.2 k.(j)	X			
G	SS 004	3.1c	X			
H	SS 005			X		NECESSARY TO SIMULATE EXERCISES
I	SS 006		X			WILL BE COVERED BY OPERATING SYSTEM.
J	SS 007		X			NECESSARY TO SIMULATE EXERCISES; SEE SS 006 ABOVE.
K	Note 4			X		
L	SS 008	3.2.1.2.11.1	X			
M	SS 009				X	CONTRARY TO INC I DESIGN (SEE ITEM 40c)
N	Note 5				X	SEE #9 ABOVE
O	Note 6		X			VALID REQUIREMENT; SHOULD BE A SHALL STATEMENT.
P	SS 010			X		
Q	Note 7	3.1.3.2.k(j)	X			SHOULD BE A SHALL STATEMENT.
R	SS 011		X			MILSTAMP COMPLIANCE UNDERSTOOD, BUT NOT STATED.
S	SS 012	3.2.1i7	X			ETADS (SHIPPER SERVICE CONTROL OFFICE) IRD
T	SS 012	3.2.3	X			ADAM III IRD

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
U	SS 012	3.2.1i1	X			
V	SS 012	3.2.1i4	X			
W	SS 013	3.2.1.2.9.1.4.1/2		X		
X	SS 014			X		
Y	SS 015			X		
Z	SS 016	3.1.3.2k.(d)	X			CMOS WILL HAVE CAPABILITY TO PRODUCE THE DOCUMENTATION.
AA	Note 8	3.2.1.2.11.1	X			
BB	SS 017	3.2.1.2.5	X			
CC	SS 018	3.1.4 line 15			X	CONFLICT WITH INC II; CLASSIFIED PROCESSED OFF-LINE.
DD	SS 019	3.1.4 line 15			X	CONFLICT WITH INC II; CLASSIFIED PROCESSED OFF-LINE.
EE	SS 020	3.1.4 line 15			X	CONFLICT WITH INC II; CLASSIFIED PROCESSED OFF-LINE.
FF	SS 021	3.2.1.2.11.1	X			
GG	SS 022	3.1.4 line 15			X	CONFLICT WITH INC II SSS
HH	SS 023	3.1.4 line 15			X	CONFLICT WITH INC II SSS
II	SS 024				X	CONFLICT WITH INC II SSS
JJ	SS 025	3.2.1.2.12	X			
KK	SS 026		X		X	CAPABILITY TO DOWNLOAD DATABASE INFO FROM TMO WORKSTATION TO LGTX TEMPEST PC IS COVERED IN INC II SSS (PARA 3.2.4.4.1). GENERATION AND TRANSMISSION OF A MANIFEST TO THE CLASSIFIED SITE IS IN CONFLICT WITH INC II SSS (PARA 3.1.4 AND 3.1.4.5).
LL	SS 027	3.2.1.2.11.1	X			
MM	SS 027	3.2.1.2.11.2	X			
NN	SS 027	3.2.1.2.11.1		X		
OO	SS 027	3.2.1.i9	X			
PP	SS 027	3.2.1.2.11.1	X			
79	3.2.1.2.7					
A	Note 1			X		
B	SS 001			X		
C	Note 2			X		
D	SS 002			X		
E	SS 003			X		
F	SS 004			X		
G	SS 005	3.1.3.2k(c)		X		
H	Note 3			X		SHOULD BE A SHALL STATEMENT.
I	SS 006	3.1.3.2k(c)		X		

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
J	SS 007			X		
K	SS 008			X		
L	Note 4			X		SHOULD BE A SHALL STATEMENT.
M	SS 009			X		
N	SS 010				X	CONFLICT WITH INC DESIGN (SEE ITEM 40c). CERTAINLY A SMART APPROACH TO ATTAIN VISIBILITY.
O	SS 011			X		
P	Note 5			X		
Q	SS 012			X		
R	SS 013			X		
S	SS 014	3.2.1.2	X			
80	3.2.1.2.7					
LOAD PLANS						
A	SS 001	3.2.1.2.5	X			
B	SS 002	3.3.9.1	X			
CARGO STATUS						
C	SS 001	3.2.1.2.3		X		
D	SS 002	3.2.1.2.3	X			DELETE WORD 'INDEXED'. DOES NOT APPLY TO RDBMS.
E	SS 003	3.2.1.2.3		X		
F	SS 004	3.2.1.2.3	X			
G	SS 005	3.2.1.2.3		X		
H	Note 1	3.2.1.2.3	X			
I	SS 006	3.2.1.2.11.1	X			AIR, SUR FRT AND SHIP PLANNING PRESENTLY HAVE CAPABILITY.
J	Note 2	3.2.1.2.11.1	X			
K	SS 007	3.2.1.2.9.1.1		X		
L	SS 008	3.2.1.2.9.1.1	X			
PASSENGER STATUS						
M	SS 001	3.2.1.2.8.1	X			
N	SS 002	3.2.1.2.8.1				PAX ORIGINATING BUT NOT CHECKED IN IS NOT PRESENT.
		3.2.1.2.14.4	X			
O	SS 003	3.2.1.2.8.1				
		3.2.1.2.11.1	X			

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
P	SS 004	3.2.1.2.11.1	X			
Q	SS 005	3.2.1.2.11.1		X		
FLEET SERVICE						
R	NOTE 1	3.2.1.2.7	X			
S	SS 001	p. 19, para (5)	X			
T	SS 002	3.2.1.2.7	X			
U	SS 003	3.2.1.2.7				
		3.2.1.2.8.1	X			
QUALITY CONTROL						
V	SS 001	3.2.1.2.3		X		
W	SS 002	3.2.1.2.3	X			
X	SS 003	3.2.1.2.3		X		USER SHOULD HAVE OPTION TO INPUT CRITERIA.
Y	SS 004	3.2.1.2.3				
		3.2.1.2.8.1				
		3.2.1.2.9.1.2			X	THIS IS A SYSTEM FUNCTION AND NOT QUALITY CONTROL.
Z	SS 005	3.2.1.2.3		X		
HAZARDOUS CARGO						
AA	SS 001	3.2.1.2.9.1.3	X			
BB	SS 002	3.2.1.2.9.1.3				
		3.2.1.2.6		X		
CC	SS 003			X		
DD	SS 004	3.2.1.2.6	X			
EE	SS 005			X		
81	3.2.1.2.9					
A	SS 001	3.2.1.2.12	X			
B	SS 002	3.2.1.2.12	X			
C	SS 003	3.2.1.2.12	X			
D	SS 004	N/A				GFE-SHOULD NOT BE A SHALL STATEMENT.
82	3.2.1.2.10					
A	SS 001				X	INC II ALLOWS NO TEMPEST APPLICATIONS PROCESSING.

ITEM	BRIDGE DOC PARA	INC II PARA	SCOPE YES	SCOPE DRV	NO	REMARKS
B	SS 002	3.2.1i9 3.2.1.2.11.1	X			
C	SS 003				X	NO F.C.G. IN INC II.
83	3.2.3b					
A	Note 1	3.2.3	X			ALL INTERFACES THRU WWPS OK.
B	Note 2				X	NO ACCT AND FIN OR OLVIMS IN INC II SPEC.
84	3.2.4.4.1a				X	SEE SUMMARY, PARA 2b.
85	3.2.4.5b(8)	N/A				BOLD FACE IN ERROR. INC I HAS IDENTICAL REG.
86	3.2.4.5b(10)					
A	Note 1		X			
B	Note 2	3.2.4.5.1c(3)	X			
87	6.1.2			X		