

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

STANDARDS RELATED DOCUMENT

ATDLP-7.02

NATO IMPLEMENTATION CODES AND RULES (NICR T/1)

**EDITION A VERSION 2
JUNE 2019**



NORTH ATLANTIC TREATY ORGANIZATION

Published by the
NATO STANDARDIZATION OFFICE (NSO)
© NATO/OTAN

NATO UNCLASSIFIED

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

INTENTIONALLY BLANK

NATO UNCLASSIFIED

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

NORTH ATLANTIC TREATY ORGANIZATION (NATO)

NATO STANDARDIZATION OFFICE (NSO)

NATO LETTER OF PROMULGATION

12 June 2019

1. The enclosed Standards Related Document, ATDLP-7.02, Edition A, Version 2, NATO IMPLEMENTATION CODES AND RULES (NICR T/1), which has been approved in conjunction with ATDLP-5.11, ATDLP-5.16 and ATDLP-5.22 by the nations in the Consultation, Command, and Control Board (C3B), is promulgated herewith.
2. ATDLP-7.02, Edition A, Version 2 is effective upon receipt and supersedes ATDLP-7.02, Edition A, Version 1 which shall be destroyed in accordance with the local procedure for the destruction of documents.
3. ATDLP-7.02, Edition A, Version 2 retains the process outlined in Version 1, and makes a minor change to reflect that "Not Processed" is not to be used at the data item level for an implemented data field.
4. No part of this publication may be reproduced, stored in a retrieval system, used commercially, adapted, or transmitted in any form or by any means, electronic, mechanical, photo-copying, recording or otherwise, without the prior permission of the publisher. With the exception of commercial sales, this does not apply to member or partner nations, or NATO commands and bodies.
5. This publication shall be handled in accordance with C-M(2002)60.



Zoltán GULYÁS
Brigadier General, HUNAF
Director, NATO Standardization Office

NATO UNCLASSIFIED

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

INTENTIONALLY BLANK

NATO UNCLASSIFIED

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

TABLE OF CONTENTS

Chapter		Page
1.	INTRODUCTION.....	1-1
1.1	Purpose.....	1-1
1.2	Scope.....	1-1
2.	REQUIREMENTS	2-1
2.1	Description	2-1
2.1.1	Formats.....	2-1
2.1.2	Additional Reports.....	2-1
2.1.3	System Function Listing.....	2-2
2.1.4	Data Item Implementation Report	2-2
2.1.5	Systems	2-4
3.	DETAILED REQUIREMENTS	3-1
3.1	System Implementation Codes	3-1
3.1.1	Message and Word Level Transmit Codes	3-1
3.1.2	DFI/DUI Level Transmit Codes	3-1
3.1.3	DI Level Transmit Codes.....	3-1
3.1.4	Message Level Receive Codes.....	3-2
3.1.5	Word Level Receive Codes.....	3-2
3.1.6	DFI/DUI Level Receive Codes	3-2
3.1.7	DI Level Receive Codes.....	3-3
3.1.8	Data Forwarding Codes	3-3
3.2	Hierarchical Dependency of Implementation Codes	3-3
3.2.1	Message Level Transmission Code Rules	3-3
3.2.2	Word Level Transmission Code Rules	3-4
3.2.3	DFI/DUI Level Transmission Code Rules.....	3-4
3.2.4	Message Level Reception Code Rules	3-5
3.2.5	Word Level Reception Code Rules	3-5
3.2.6	DFI/DUI Level Reception Codes Rules	3-6
3.2.7	Action Value Rules.....	3-6
3.2.8	Forwarding Code Rules	3-7

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

List of Tables

Table		Page
2-1	TDL Systems.....	2-4

List of Figures

Figure		
2-1	System Function Listing	2-5
2-2	Data Item Implementation Report.....	2-7

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

1 INTRODUCTION

1.1 PURPOSE

The purpose of this document is to provide a common set of system implementation codes and rules to depict Tactical Data Link (TDL) platform implementation.

1.2 SCOPE

1.2.1 The NATO Implementation Codes and Rules (NICR) and the System Implementation Document (SID) describe the J-, FJ-, F- or M-series message implementation of each system participating on the TDL interface. It shows the implementation from the function level down to the data item level. A description of the system function listing and data item implementation report is provided in paragraph 2.1. Systems having TDL implementation data in the system implementation database are identified in Table 2-1.

1.2.2 The TDL system implementation codes at each implementation level are defined in paragraph 3.1. The hierarchical dependency of the implementation codes at each level is shown in paragraph 3.2. The system implementation database contains the implementation data in automated format as reported by the nations. Each nation has a separate part of the SID showing implementation for each of their TDL systems.

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

INTENTIONALLY BLANK

2 REQUIREMENTS

2.1 DESCRIPTION

2.1.1 Formats

TDL System Implementation data contained in the SID are displayed using the System Function Listing and the Data Implementation Report. These two formats are shown for Link 16 in Figures 2-1 and 2-2 respectively. Both reports are available from the system implementation database through the Report Generation function. The System Function Listing displays the declared functions of each system technical functions and additional functions upon which the Implementation Requirements (IMP REQ) or Minimum Implementation (MIN IMP) requirements are based. The Data Item Implementation Report displays the system implementation data for all messages or a user specified set of messages or words. In addition, the user may specify a report at the message, word, DFI/DUI, or data item level.

2.1.2 Additional Reports

2.1.2.1 In addition to the System Function Listing and Data Item Implementation Report, two additional reports are available from the system implementation database, the System Implementation Difference Report and the Implementation Requirements/Minimum Implementation Comparison Report.

2.1.2.2 The System Implementation Difference Report compares the implementations of up to four systems. It determines system interoperability by comparing the transmit code implementation of a target system to the receive code implementations of up to three other systems; it also compares the receive code implementation of the target system to the transmit code implementations of the other systems. A difference indicator prints whenever the implementation codes of the target system are not interoperable with the other systems. The user may select a report at the message, word, DFI/DUI, or data item level, for all or a specified set of messages and words.

2.1.2.3 The Implementation Requirements/Minimum Implementation Comparison Report allows the comparison of the implementation codes of a selected system to the required implementation codes of the IMP REQ/MIN IMP database (based on ATDLP-5.16 Appendix A, or ATDLP-5.22 Appendix 1 to Annex B). A difference indicator prints whenever the transmit and/or receive implementation codes of a selected system do not meet IMP REQ/MIN IMP requirements. This report is available for the message, word, or DFI/DUI levels, for all or a user specified set of messages.

2.1.3 System Function Listing

2.1.3.1 The format of the functions as implemented by each system is shown in Figure 2-1. The System Function Listing appears before the Data Item Implementation Report for the same systems.

2.1.3.2 The System Function Listing displays the implementation of specific functions by systems as reported by the nations. The list of functions is derived from ATDLP-5.16 Appendix A, Implementation Requirements or ATDLP-5.22 Appendix 1 to Annex B – Minimum Implementation, and consists of functions which affect the implementation requirements for systems. These functions include technical functions, functions addressed by the numerical notations within the Appendix tables, and other functions which affect system minimum implementation requirements. In the system implementation database, the primary purpose of these functions is to allow the generation of the Implementation Requirements/Minimum Implementation Comparison Report described in paragraph 2.1.2.3.

2.1.3.3 The note numbers following are keyed to the corresponding BOLD numbers in Figure 2-1.

Note
Number

Notes

- (1) The function which the system may implement. All functions available for implementation are listed.
- (2) The name of the system for which the functions may be implemented. Up to four systems may be listed on a page.
- (3) The “X” indicates the system performs the corresponding function.

2.1.4 Data Item Implementation Report

2.1.4.1 The format of implementation data from the message level to the DI level for each system is shown in Figure 2-2.

2.1.4.2 The note numbers following are keyed to the corresponding BOLD numbers in Figure 2-2.

Note
Number

Notes

- (1) The name of the system for which the functions or capabilities may be implemented. Up to four systems may be listed on a page. The system name corresponds to that on the System Function Listing.

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

- (2) The message number and name are displayed with the appropriate message implementation codes appearing in the column of the system to which the codes apply. The transmit code appears first followed by a virgule followed by the receive code followed by a virgule followed by the message forwarding code. If a note applies to any of the three codes, it will appear on the line under the applicable code. The number of the note will correspond to a listing of notes located in the beginning of the report.
- (3) If the implementation of the word depends on an action value, the word will appear after the message line. Following this word line will be the action DFI/DUI with its DI values on which the word implementation depends. The DFI/DUI line contains the implementation codes for the action DFI/DUI. The transmit code appears first followed by a virgule followed by the receive implementation code. If the DFI/DUI and/or DI implementation is modified by a note, the note number will appear on the line following the one it modifies, under the applicable code. Note numbers range from 1 to a maximum of 999 for each service/agency.
- (4) This is an action value line. If implementation of the word and DFI/DUIs and DIs within the word depend on a DI value of one of the DFI/DUIs within one of the words of the message, the format of the line is the phrase "DUI ABBREVIATION =" followed by the DI value followed by the DFI/DUI upon which the implementation depends.
- (5) This is the word implementation data line. If an action value line is not used, then the word implementation data line follows a message implementation data line. If an action value line is used, this line begins a new page (page 2-6, Figure 2-2). This line contains the implementation codes for the word for each system listed on the page. The transmit implementation code appears first followed by a virgule followed by the receive implementation code. If the implementation is modified by a note, the note number will appear on the next line under the applicable code.
- (6) DFI/DUI implementation data line of the first DFI/DUI appearing in the word (see note 1) with the DFI/DUI number, DUI name, and the implementation codes for the DFI/DUI for the indicated system. If the implementation is modified by a note, the note bold number will appear in the next line under the applicable code.
- (7) The DI implementation line displays the DI value, the DI name, and the implementation codes for the DI for the

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden and Switzerland

ATDLP-7.02

indicated system. If the implementation is modified by a note, the note number will appear in the next line under the applicable code.

- (8) The DFI/DUI implementation data line appears after the last DI implementation data line of the preceding DFI/DUI in the word.
- (9) Message number, word number, and DFI/DUI number of the first DFI/DUI appearing at the top of the page.
- (10) Message number, word number, and DFI/DUI number of the DFI/DUI appearing at the bottom of the current page.

2.1.5 Systems

The TDL systems listed in Table 2-1 have implementation data in the SID and system implementation database.

Table 2-1 - TDL Systems

Nation/ Service/Agency Designation Code	Cognisant Nation/ Service/ Agency	System Name	Tactical Data Link	System Number (ID number assigned for database use)
TBD	TBD	TBD	TBD	TBD

Figure 2-1 - System Function Listing

CLASSIFICATION				
SYSTEM FUNCTION LISTING				
FUNCTION NAME	(2) XXX SYS NO 1 XX	XXX SYS NO 2 XX	XXX SYS NO 3 XX	XXX SYS NO 4 XX
01 C2 BASIC (1)	X (3)			
02 C2 PLATFORM SA	X	X		
03 C2 NET MGR	X	X	X	
04 C2 AIR SURV	X	X	X	X
05 C2 SURFACE SURV				
06 C2 SUBSURFACE SURV	X			
07 C2 LAND SURV				
08 C2 SPACE SURV				
09 C2 BALLISTIC MISSILE DEFENSE OPS				
10 C2 EW				
11 C2 WEAPONS UNIT				
12 C2 AIR CONTROLLING UNIT				
13 C2 COMMAND				
14 C2 SAM CONTROLLING UNIT				
15 NONC2 BASIC				
16 NONC2 PLATFORM SA				
17 NONC2 INTERCEPTOR/STRIKE				
18 NONC2 BOMBER	X	X	X	X
19 NONC2 SUPPORT				
20 NONC2 MISSION CMDR				
21 NONC2 EW				
22 NONC2 COMBAT SAR				

LEGEND: (X) = NOTE NUMBERS

PAGE NNNN
CLASSIFICATION

Figure 2-1 - System Function Listing (Continued)

CLASSIFICATION				
SYSTEM FUNCTION LISTING				
FUNCTION NAME	(2) XXX SYS NO 1 XX	XXX SYS NO 2 XX	XXX SYS NO 3 XX	XXX SYS NO 4 XX
01 SYSTEM INFO & NET MGMT	X (3)			
02 PLI	X	X		
03 AIR SURV	X	X	X	
04 SURFACE SURV	X	X	X	X
05 SUBSURFACE SURV				
06 LAND SURV	X			
07 SPACE SURV				
08 TRACK/POINT AMPLIFICATION				
09 WEAPONS COORD & MGMT				
10 EW				

LEGEND: (X) = NOTE NUMBERS

PAGE NNNN
CLASSIFICATION

Figure 2-2 - Data Item Implementation Report

CLASSIFICATION

DATA ITEM IMPLEMENTATION REPORT

MSG/WORD	MSG/WORD NAME	(1) SYSTEM 1	(1) SYSTEM 2
DFI/DUI NO.	DUI NAME		
DI BIT CODE	DI NAME		
J0.0 (2)	(2) MESSAGE NAME XXXXXXXXXXXXX	T/R/N	T/R
(3)			
J0.0X	WORD NAME XXXXXXXXXXXXXXXXX	T/R	NT/NP
111/001	DUI NAME XXXXXXXXXXXXXXXXX	T/R	NT/NP
0	DI NAME 1 XXXXXXXX	T/R	NT/NP
1	DI NAME 2 XXXXXXXX	T/R	NT/NP
2	DI NAME 3 XXXXXXXX	NT/RO	NT/NP
3	DI NAME 4 XXXXXXXX	NT/DM	NT/NP
4	DI NAME 5 XXXXXXXX	T/R	NT/NP
5	DI NAME 6 XXXXXXXX	NT/RO	NT/NP
6	DI NAME 7 XXXXXXXX	NT/DM	NT/NP
7	DI NAME 8 XXXXXXXX	NT/DW	NT/NP

(9)
 MESSAGE - J0.0
 WORD - J0.0X
 DFI/DUI - 111/001

(10)
 MESSAGE - J0.0
 WORD - J0.0X
 DFI/DUI - 111/001

LEGEND: (x) = NOTE NUMBERS

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden and Switzerland

ATDLP-7.02

Figure 2-2 - Data Item Implementation Report (Continued)

CLASSIFICATION

DATA ITEM IMPLEMENTATION REPORT
(J0.0/0.X CONTINUED)

MSG/WORD	MSG/WORD NAME		SYSTEM 1	SYSTEM 2
DFI/DUI NO.	DUI NAME			
DI BIT CODE	DI NAME			
DUI ABBREVIATION = 0 (4)				
J0.0X (5)	WORD NAME XXXXXXXXXXXXX		NT/NP/N	T/R/N
111/002 (6)	DUI NAME 1 XXXXXXXXXXXXX		NT/NP	T/R
0 (7)	(7) DI NAME 1 XXXXXXXX		NT/NP	T/R
1	DI NAME 2 XXXXXXXX		NT/NP	T/R
8) 111/003	DUI NAME 2 XXXXXXXXXXXXX		NT/NP	T/R
0	DI NAME 1 XXXXXXXX		NT/NP	T/R
1	DI NAME 2 XXXXXXXX		NT/NP	T/R
111/004	DUI NAME 3 XXXXXXXXXXXXX		NT/NP	T/R
0	DI NAME 1 XXXXXXXX		NT/NP	T/R
1	DI NAME 2 XXXXXXXX		NT/NP	T/R
111/005	DUI NAME 4 XXXXXXXXXXXXX		NT/NP	T/R
0	DI NAME 1 XXXXXXXX		NT/NP	T/R
1	DI NAME 2 XXXXXXXX		NT/NP	T/R
111/006	DUI NAME 5 XXXXXXXXXXXXX		NT/NP	T/R
0	DI NAME 1 XXXXXXXX		NT/NP	T/R
1	DI NAME 2 XXXXXXXX		NT/NP	T/R
(9)	MESSAGE - J0.0			(10)
	WORD - J0.0X (DUI ABBREVIATION = 0)			MESSAGE - J0.0
	DFI/DUI - 111/002			WORD - J0.0X
				DFI/DUI - 111/006

LEGEND: (x) = NOTE NUMBERS

PAGE 2
CLASSIFICATION

3 DETAILED REQUIREMENTS

3.1 SYSTEM IMPLEMENTATION CODES

The definition of the implementation codes used in the System Implementation Document depends upon the level (message, word, DFI/DUI, or DI) of TDL message implementation within the system.

3.1.1 Message and Word Level Transmit Codes

- T - The system will transmit the indicated word or message.
- NT - The system will not originate the indicated message or word but shall perform required receipt/compliance actions/responses.
- RT - The system will not originate the indicated message or word but shall retransmit it.
- TBD - To Be Determined.

3.1.2 DFI/DUI Level Transmit Codes

- T - The system will transmit the indicated DFI/DUI.
- NT - The system will not originate the indicated DFI/DUI but shall perform required receipt/compliance actions/responses.
- RT - The system will not originate any data item values for the indicated DFI/DUI but shall retransmit them.
- T_n - The system will originate only the specified data item value "n" for the DFI/DUI specified.
- T(n.n) - The system will originate all DI values as specified for the same DFI/DUI in the J(n.n) message.
- TBD - To Be Determined.

3.1.3 DI Level Transmit Codes

- T - The system will transmit the DI values for the DFI/DUI specified.
- NT - The system will not originate the DI value for the specified DFI/DUI, but shall perform required receipt/compliance actions/responses.

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

- RT - The system will not originate the DI value for the specified DFI/DUI, but shall retransmit it.
- TBD - To Be Determined.

3.1.4 Message Level Receive Codes

- R - The system will process the indicated message.
- DM - The system will discard the entire message upon receipt, but shall perform required receipt/compliance actions/responses.
- TBD - To Be Determined.

3.1.5 Word Level Receive Codes

- R - The system will process the indicated word.
- NP - The system will not process the indicated word but shall perform required receipt/compliance actions/responses. (The word level reception code NP is only valid following a message level or action value reception code of DM.)
- DM - The system will discard the entire message upon receipt of the indicated word, but shall perform required receipt/compliance actions/responses.
- DW - The system will discard the entire word upon receipt, but shall perform required receipt/compliance actions/responses.
- TBD - To Be Determined.

3.1.6 DFI/DUI Level Receive Codes

- R - The system will process the indicated DFI/DUI.
- NP - The system will not process the indicated DFI/DUI but shall perform required receipt/compliance actions/responses.
- Rn - The system will process the indicated DFI/DUI, but will process all DI values as if specific DI value "n" had been received.

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

- R(n.n) - The system will process all DI values as specified for the same DFI/DUI in the J(n.n) message.
- TBD - To Be Determined.

3.1.7 DI Level Receive Codes

- R - The system will process the indicated DI.
- NP - The system will not process the indicated DI but shall perform required receipt/compliance actions/responses. This value shall not be used if the implementation is R at the DFI/DUI level.
- DM - The system will discard the entire message upon receipt of the indicated DI, but shall perform required receipt/compliance actions/responses.
- DW - The system will discard the entire word upon receipt of the indicated DI, but shall perform required receipt/compliance actions/responses.
- Rn - The system shall process the indicated DI as if specific DI value "n" had been received.
- TBD - To Be Determined.

3.1.8 Data Forwarding Codes

- F - The system will forward the indicated message.
- N - The system will not forward the indicated message.

3.2 HIERARCHICAL DEPENDENCY OF IMPLEMENTATION CODES

A set of rules for the use of TDL implementation codes is necessary to ensure a common understanding of how each system implements a specific J-Series data item. The TBD implementation code can be used at any time; it is valid under any other implementation code.

3.2.1 Message Level Transmission Code Rules

3.2.1.1 Message Level Code T

If the message level code is T, the Initial Word level implementation code must be T.

- a. Legal word level transmission codes are T, NT, or RT.

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

- b. Legal DFI/DUI level and DI level transmission codes include all codes. NT is only applicable at the DFI/DUI level when an overlaid field is not transmitted because the switch field data item relating to the overlaid field is not transmitted.

3.2.1.2 Message Level Code NT

If the message level code is NT, all included word, DFI/DUI, and DI implementation codes must be NT.

3.2.1.3 Message Level Code RT

If the message level code is RT, one or more included word level implementations must indicate an implementation code of RT.

- a. Legal word level transmission codes are NT or RT.
- b. Legal DFI/DUI level transmission codes are NT or RT.
- c. Legal DI level transmission codes are NT or RT.

3.2.2 **Word Level Transmission Code Rules**

3.2.2.1 Word Level Code T

If the word level code is T, one or more included DFI/DUI level implementations must indicate an implementation code of T.

- a. Legal DFI/DUI level transmission codes include all codes, except NT. NT is only applicable at the DFI/DUI level when an overlaid field is not transmitted because the switch field data item relating to the overlaid field is not transmitted.
- b. Legal DI level transmission codes include all codes.

3.2.2.2 Word Level Code NT

If the word level code is NT, all included DFI/DUI and DI level codes must be NT.

3.2.2.3 Word Level Code RT

If the word level code is RT, one or more included DFI/DUI level implementations must indicate an implementation code of RT.

- a. Legal DFI/DUI level transmission codes are NT or RT.
- b. Legal DI level transmission codes are NT or RT.

3.2.3 **DFI/DUI Level Transmission Code Rules**

3.2.3.1 DFI/DUI Level Code T

If the DFI/DUI level code is T, a minimum of two DIs must indicate an implementation code of T. If there is only one DI that is transmitted, the code T_n is used. The legal DI level transmission codes are T, NT, or RT.

3.2.3.2 DFI/DUI Level Code NT

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

If the DFI/DUI level code is NT, all included DI level codes must be NT.

3.2.3.3 DFI/DUI Level Code RT

If the DFI/DUI level code is RT, one or more included DI implementations must indicate an implementation code of RT. The legal DI level transmission codes are NT or RT. RT is used only if the DFI/DUI or DI is received and retransmitted without modification. If the DFI/DUI or DI can be originated by a platform, then RT is not used, i.e., T takes precedence over RT.

3.2.3.4 DFI/DUI Level Code Tn

If the DFI/DUI level code is Tn, one included DI value implementation will be T and that DI value will be "n". The remainder of the included DI level transmission codes will be NT or RT.

3.2.3.5 DFI/DUI Level Code T(n.n)

If the DFI/DUI level code is T(n.n) there is no new listing of DI implementation codes. The DI transmission codes are as they were listed in message "J(n.n)".

3.2.4 **Message Level Reception Code Rules**

3.2.4.1 Message Level Code R

If the message level code is R, the Initial Word level implementation code must be R.

- a. Legal word level reception codes are R, DW, and DM.
- b. Legal DFI/DUI reception codes include all codes.
- c. Legal DI reception codes include all codes.

3.2.4.2 Message Level Code DM

If the message level code is DM, all included word, DFI/DUI, and DI implementation codes must be NP.

3.2.5 **Word Level Reception Code Rules**

3.2.5.1 Word Level Code R

If the word level code is R, one or more included DFI/DUI implementations must indicate an implementation code of R.

- a. Legal DFI/DUI level reception codes are R, NP, Rn or R(n.n).
- b. Legal DI level reception codes include all codes.

3.2.5.2 Word Level Code NP

The word level code NP is only valid when the message level or action value reception code is DM. If the word level code is NP, all included DFI/DUI and DI codes must be NP.

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden
and Switzerland

ATDLP-7.02

3.2.5.3 Word Level Code DM

If the word level code is DM, all included DFI/DUI and DI codes must be NP.

3.2.5.4 Word Level Code DW

If the word level code is DW, all included DFI/DUI and DI implementation codes must be NP.

3.2.6 **DFI/DUI Level Reception Code Rules**

3.2.6.1 DFI/DUI Level Code R

If the DFI/DUI level code is R, a minimum of two DIs must indicate an implementation code of R. All DI level reception codes except NP are legal.

3.2.6.2 DFI/DUI Level Code NP

If the DFI/DUI level code is NP, all included DI codes must be NP.

3.2.6.3 DFI/DUI Level Code Rn

If the DFI/DUI level code is Rn, one included DI value implementation will be R and that DI value will be "n". The remainder of the included DI values must be Rn.

3.2.6.4 DFI/DUI Level Code R(n.n)

If the DFI/DUI level code is R(n.n), there is no new listing of DI implementation codes. The DI reception codes are as they were listed in message "J(n.n)."

3.2.7 **Action Value Rules**

Implementation of an action value does not impact message level implementation codes.

3.2.7.1 Action Value Transmission Code Rules

- a. If the action (DI) value implementation code is T, the Initial Word implementation code must be T. The remainder of the words in the message may show an implementation code of T, NT, or RT. The legal transmission codes for all included DFI/DUI and DI level implementations include all codes.
- b. If the action (DI) value implementation code is NT, all included word, DFI/DUI, and DI codes must be NT.
- c. It is not appropriate to show an action (DI) value implementation as RT.

3.2.7.2 Action Value Reception Code Rules

- a. If the action (DI) value implementation code is R, the Initial Word implementation code must be R. The remainder of the

NATO UNCLASSIFIED

Releasable to Australia, Austria, Finland, New Zealand, North Macedonia, Sweden and Switzerland

ATDLP-7.02

words of the message may show an implementation code of R or DW. The legal reception codes for all included DFI/DUI and DI level implementations include all codes.

- b. If the action (DI) value implementation code is DM, all included word, DFI/DUI, and DI codes must be NP.
- c. It is not appropriate to show an action (DI) value implementation code of NP or DW.
- d. If the action (DI) value implementation code is Rn, the implementation codes of all included word, DFI/DUI, and DI will be as depicted for action value "n".

3.2.8 Forwarding Code Rules

Rules for forwarding of J-, FJ-, F- or M-Series messages are considered at the message level only and are based on message reception (see ATDLP-6.16). For this reason J-, FJ-, F- or M-Series forwarding is shown only at the message level. An indication that a message is forwarded (F) obligates the system to forward all translatable words, DFI/DUIs and DIs of that message regardless of system implementation. Any IU qualified as a forwarder must forward every message whose implementation for reception is R. If the message implementation for reception is NP, forwarding requirements are determined based on the Network Participation Group (NPG) on which the message is normally transmitted (see ATDLP-5.16, Appendix V, Table V.0.1-2) and the participation status of the impacted system on that NPG. The basic rule is that if the system participates on the NPG on which the message is normally transmitted (see ATDLP-5.16, Appendix V, Table V.0.1-2), the system is obligated to forward the message in accordance with ATDLP-6.16 requirement.

NATO UNCLASSIFIED
**Releasable to Australia, Austria, Finland, New Zealand, North Macedonia,
Sweden and Switzerland**

ATDLP-7.02(A)(2)

NATO UNCLASSIFIED