



EULYNX Initiative



Europe's Rail Joint Undertaking

Interface specification SCI Generic

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ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)
Eu.SCI-XX.PDI.6	Head	1 Introduction		
Eu.SCI-XX.PDI.7	Head	1.1 Release information		
Eu.SCI-XX.PDI.8	Info	[Eu.Doc.93] Interface specification SCI Generic CENELEC Phase: 5 Version: 3.3 (0.A) Approval date: 29.05.2024		Object Text: [Eu.Doc.93] Interface specification SCI Generic CENELEC Phase: 5 Version: 3. 2 ³ (0.A) Approval date: 15 ²⁹ 29 ⁰⁶ 05 ²⁰²³ 2023 ²⁰²⁴
Eu.SCI-XX.PDI.9	Info	Version history		
Eu.SCI-XX.PDI.214	Info	version number: 3.0 (0.A) date: 16.05.2022 author: Filip Giering review: CCB changes: EUAR-508, EUAR-511, EUAR-513, EUAR-526		
Eu.SCI-XX.PDI.216	Info	version number: 3.1 (0.A) date: 31.03.2023 author: Filip Giering review: changes: EUAR-558, EUAR-564, EUAR-578		
Eu.SCI-XX.PDI.217	Info	version number: 3.2 (0.A) date: 28.06.2023 author: Filip Giering review: TACS Mirror Group changes: EUAR-586, EUAR-587, EUAR-589, EUAR-594, EUAR-612, EUAR-613		
Eu.SCI-XX.PDI.221	Info	version number: 3.2 (1.A) date: 20.02.2024 author: Filip Giering, Philipp Wolber review: cluster changes: EUAR-608, EUAR-609, EUAR-682, EUAR-689		object created after baseline 3.2 (0.A)
Eu.SCI-XX.PDI.224	Info	version number: 3.3 (0.A) date: 18.06.2024 author: Filip Giering, Philipp Wolber, Nico Huurman review: TACS Mirror Group changes: EUAR-681, EUAR-701, EUAR-710, EUAR-716, EUAR-743, EUAR-751		object created after baseline 3.2 (0.A)
Eu.SCI-XX.PDI.11	Head	1.2 Impressum		
Eu.SCI-XX.PDI.12	Info	Publishers: Europe’s Rail Joint Undertaking https://rail-research.europa.eu/ EULYNX Initiative https://eulynx.eu/	EUAR-681	Object Text: Publishers: Europe’s Rail Joint Undertaking https://rail-research.europa.eu/ EULYNX Initiative A full list of the EULYNX Partners can be found on- www https://eulynx.eu/index.php/members a_JIRA_BL4R3: EUAR-681
Eu.SCI-XX.PDI.13	Info	Responsible for this document: EU-Rail System Pillar Trackside Assets Control and Supervision domain		

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)
Eu.SCI-XX.PDI.14	Info	<p>This document is drafted by and belongs to EU Rail.</p> <p>EU Rail encourages the distribution and re-use of this document, the technical specifications and the information it contains. EU Rail holds several intellectual property rights, such as copyright and trade mark rights, which need to be considered when this document is used.</p> <p>EU Rail authorizes you to re-publish, re-use, copy and store this document without changing it, provided that you indicate its source and include the following mention [EU Rail trade mark, title of the document, year of publication, version of document].</p> <p>EU Rail makes no representation or warranty as to the accuracy or completeness of the information contained within these documents. EU Rail shall have no liability to any party as a result of the use of the information contained herein. EU Rail will have no liability whatsoever for any indirect or consequential loss or damage, and any such liability is expressly excluded.</p> <p>You may study, research, implement, adapt, improve and otherwise use the information, the content and the models in this document for your own purposes. If you decide to publish or disclose any adapted, modified or improved version of this document, any amended implementation or derivative work, then you must indicate that you have modified this document, with a reference to the document name and the terms of use of this document. You may not use EU Rail's trade marks or name in any way that may state or suggest, directly or indirectly, that EU Rail is the author of your adaptations. EU Rail cannot be held responsible for your product, even if you have used this document and its content. It is your responsibility to verify the quality, completeness and the accuracy of the information you use, for your own purposes.</p>	EUAR-681	<p>Object Text: CopyrightThis EULYNXdocument Partnersis drafted by and belongs to EU Rail. All EU Rail encourages the distribution and re-use of this document, the technical specifications and the information includedit orcontains. disclosedEU inRail holds several intellectual property rights, such as copyright and trade mark rights, which need to be considered when this document is licensedused.</p> <p>EU underRail authorizes you to re-publish, re-use, copy and store this document without changing it, provided that you indicate its source and include the Europeanfollowing Unionmention Public[EU LicenceRail EUPtrade mark, Versiontitle 1of the document, year of publication, version of document].2</p> <p>EU Rail makes no representation or laterwarranty as to the accuracy or completeness of the information contained within these documents. EU Rail shall have no liability to any party as a result of the use of the information contained herein. EU Rail will have no liability whatsoever for any indirect or consequential loss or damage, and any such liability is expressly excluded.</p> <p>You may study, research, implement, adapt, improve and otherwise use the information, the content and the models in this document for your own purposes. If you decide to publish or disclose any adapted, modified or improved version of this document, any amended implementation or derivative work, then you must indicate that you have modified this document, with a reference to the document name and the terms of use of this document. You may not use EU Rail's trade marks or name in any way that may state or suggest, directly or indirectly, that EU Rail is the author of your adaptations. EU Rail cannot be held responsible for your product, even if you have used this document and its content. It is your responsibility to verify the quality, completeness and the accuracy of the information you use, for your own purposes.</p> <p>a_JIRA_BL4R3: EUAR-681</p>
Eu.SCI-XX.PDI.15	Head	1.3 Purpose		
Eu.SCI-XX.PDI.16	Info	This document specifies the application layer of the standardised interface for safe communication between the interfacing partners.		
Eu.SCI-XX.PDI.17	Info	This application layer is designated as SCI-XX.PDI.		
Eu.SCI-XX.PDI.18	Info	This document contains the general requirements for communication and the technical specification (e.g. telegrams).		
Eu.SCI-XX.PDI.19	Info	This specification does not define the detailed behaviour of the interfacing partners, nor the situations in which the defined telegrams are sent. This behaviour is the subject of the individual system specifications.		
Eu.SCI-XX.PDI.21	Info	<p>This document is intended for the following users:</p> <ul style="list-style-type: none"> • safety authorities • infrastructure managers • safety assessors • signalling system suppliers • validators 		

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)
Eu.SCI-XX.PDI.219	Info	This document is applicable for both the EU-Rail System Pillar target architecture and the EULYNX architecture. The document is delivered as a single specification fitting both the System Pillar documentation sets and the EULYNX documentation sets. EU-Rail System Pillar is the technical authority for this document.		
Eu.SCI-XX.PDI.22	Head	1.4 Applicable standards and regulations		
Eu.SCI-XX.PDI.23	Info	The applicable standards and regulations used in EULYNX are listed in the EULYNX Reference Document List [Eu.Doc.12].		
Eu.SCI-XX.PDI.24	Info	The applicability of each reference of this specification is provided by the column “applicability” in the EULYNX Reference Document [Eu.Doc.12], when the value “SCI” is stated.		
Eu.SCI-XX.PDI.25	Head	1.5 Applicable documents		
Eu.SCI-XX.PDI.26	Info	The current versions of documents used as input or related to this document are listed in the EULYNX Documentation Plan [Eu.Doc.11]. The relationships between the documents are displayed in the Appendix A1 Documentation plan and structure [Eu.Doc.11_A1].		
Eu.SCI-XX.PDI.27	Head	1.6 Appendices		
Eu.SCI-XX.PDI.28	Info	- <i>intentionally left blank</i> -		
Eu.SCI-XX.PDI.29	Head	1.7 Terms and abbreviations		
Eu.SCI-XX.PDI.30	Info	The terms and abbreviations are listed in the EULYNX Glossary [Eu.Doc.9].		
Eu.SCI-XX.PDI.31	Head	1.8 Variability management		
Eu.SCI-XX.PDI.32	Info	This document describes harmonised requirements. Variability management is not applicable.		
Eu.SCI-XX.PDI.33	Head	1.9 Definition of object types		
Eu.SCI-XX.PDI.34	Info	The following definition for object types is applied in this document:		
Eu.SCI-XX.PDI.35	Info	<ul style="list-style-type: none">• "Req" - This denotes a mandatory requirement.		
Eu.SCI-XX.PDI.36	Info	<ul style="list-style-type: none">• "Info" - This denotes additional information to help understand the specification. These objects do not specify any additional requirements.		
Eu.SCI-XX.PDI.37	Info	<ul style="list-style-type: none">• "Head" - This denotes chapter headings.		
Eu.SCI-XX.PDI.38	Head	2 General requirements		
Eu.SCI-XX.PDI.220	Req	All references to [Eu.Doc.16] refer to EULYNX System architecture specification version 2.4 (0.A)	EUAR-609 EUAR-689 EUAR-701	Object Text: All references to [Eu.Doc.16] refer to EULYNX System architecture specification version 2. 2 <u>4</u> (0.A) a_JIRA_BL4R3: EUAR-609 EUAR-689 EUAR-701
Eu.SCI-XX.PDI.215	Req	All references to [Eu.Doc.119] refer to Generic interface and subsystem requirements for SCI version 1.1 (0.A).	EUAR-609 EUAR-701	Object Text: All references to [Eu.Doc.119] refer to Generic interface and subsystem requirements for SCI version 1. 0 <u>1</u> (3 <u>0</u> .A). a_JIRA_BL4R3: EUAR-609 EUAR-701

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)
Eu.SCI-XX.PDI.211	Req	All references to [Eu.Doc.92] refer to Interface Definition SCI version 4.3 (0.A).	EUAR-609 EUAR-701 EUAR-751	Object Text: All references to [Eu.Doc.92] refer to Interface Definition SCI version 4. 2 ³ (0.A). a_JIRA_BL4R3: EUAR-609 EUAR-701 EUAR-751
Eu.SCI-XX.PDI.39	Head	2.1 Version handling		
Eu.SCI-XX.PDI.40	Info	The communication partners shall check for a matching PDI-Version, whenever they attempt to establish the PDI connection, in accordance with the functional requirements in [Eu.Doc.119].	EUAR-710	Object Text: The communication partners shall check for a matching PDI-Version, whenever they attempt to establish the PDI connection, in accordance with the functional requirements in [Eu.Doc.119] . a_JIRA_BL4R3: EUAR-710
Eu.SCI-XX.PDI.41	Info	Establishing the PDI connection is permitted only if the PDI-Versions of both communication partners are equal.		
Eu.SCI-XX.PDI.42	Info	The PDI-Version 0xXX is defined in each baseline of the Interface specifications of SCI-XX.		
Eu.SCI-XX.PDI.154	Info	The telegrams and other requirements defined in this document are valid for any PDI-Version of SCI-XX, as defined in the Interface specifications of SCI-XX.		
Eu.SCI-XX.PDI.43	Info	The PDI-Version is not directly corresponding to the baseline of the Interface specifications of SCI-XX. A PDI-Version change will not be required when the document version is updated due to minor changes without impact on PDI functionality (e.g. changes in terminology).		
Eu.SCI-XX.PDI.44	Head	2.2 Communication requirements		
Eu.SCI-XX.PDI.130	Req	A communication partner shall not be permitted to repeat the sending of a command or a message which is identical in its content to a command or message already sent before, as specified in Eu.SAS.119 see [Eu.Doc.16].		
Eu.SCI-XX.PDI.48	Req	All transmitted telegrams shall comply with the telegram definition, in particular the sender of the telegram may only send the specified number of bytes and may not use any telegram definitions not specified here.		
Eu.SCI-XX.PDI.222	Head	2.3 Functional requirements	EUAR-608	object created after baseline 3.2 (0.A)
Eu.SCI-XX.PDI.223	Info	The functional requirements for SCI-XX are described in [Eu.Doc.119].	EUAR-608	object created after baseline 3.2 (0.A)
Eu.SCI-XX.PDI.212	Head	2.4 Interface definition	EUAR-608	a_JIRA_BL4R3: EUAR-608
Eu.SCI-XX.PDI.213	Info	The definition of the interface SCI-XX is described in [Eu.Doc.92].	EUAR-609	Object Text: The definition of the interface SCI-XX is described in [Eu.Doc.92] . a_JIRA_BL4R3: EUAR-609
Eu.SCI-XX.PDI.49	Head	3 Telegrams SCI-XX.PDI		
Eu.SCI-XX.PDI.50	Info	This chapter defines the SCI-XX.PDI telegrams.		
Eu.SCI-XX.PDI.51	Head	3.1 Telegram structure		
Eu.SCI-XX.PDI.52	Info	SCI-XX.PDI telegram structure		

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)																																												
		<table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>43..1023</td><td>Payload (max. 981 Bytes)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)	43..1023	Payload (max. 981 Bytes)																																		
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43..1023	Payload (max. 981 Bytes)																																															
Eu.SCI-XX.PDI.54	Info	Protocol Type Protocol Type defines the applicability of the telegram to a specific interface.																																														
Eu.SCI-XX.PDI.53	Req	<div>The value of byte 0 in SCI-XX.PDI shall be as followed:</div> <table><tr><th>value</th><th>meaning</th></tr><tr><td>-----</td><td>-----</td></tr><tr><td>0x01</td><td>Electronic Interlocking - Adjacent Interlocking System</td></tr><tr><td>0x20</td><td>Electronic Interlocking - Train Detection System</td></tr><tr><td>0x30</td><td>Electronic Interlocking - Light Signal</td></tr><tr><td>0x40</td><td>Electronic Interlocking - Point</td></tr><tr><td>0x50</td><td>Electronic Interlocking - Radio Block Centre</td></tr><tr><td>0x60</td><td>Electronic Interlocking - Level Crossing</td></tr><tr><td>0x70</td><td>Electronic Interlocking - Traffic Control System</td></tr><tr><td>0x90</td><td>Electronic Interlocking - Generic IO</td></tr><tr><td>0xC0</td><td>Electronic Interlocking - External Level Crossing System</td></tr></table>	value	meaning	-----	-----	0x01	Electronic Interlocking - Adjacent Interlocking System	0x20	Electronic Interlocking - Train Detection System	0x30	Electronic Interlocking - Light Signal	0x40	Electronic Interlocking - Point	0x50	Electronic Interlocking - Radio Block Centre	0x60	Electronic Interlocking - Level Crossing	0x70	Electronic Interlocking - Traffic Control System	0x90	Electronic Interlocking - Generic IO	0xC0	Electronic Interlocking - External Level Crossing System	EUAR-682	Object Text: The value of byte 0 in SCI-XX.PDI shall be as followed: <table><tr><th>value</th><th>meaning</th></tr><tr><td>-----</td><td>-----</td></tr><tr><td>0x01</td><td>Electronic Interlocking - Adjacent Interlocking System</td></tr><tr><td>0x20</td><td>Electronic Interlocking - Train Detection System</td></tr><tr><td>0x30</td><td>Electronic Interlocking - Light Signal</td></tr><tr><td>0x40</td><td>Electronic Interlocking - Point</td></tr><tr><td>0x50</td><td>Electronic Interlocking - Radio Block Centre</td></tr><tr><td>0x60</td><td>Electronic Interlocking - Subsystem-Level Crossing</td></tr><tr><td>0x70</td><td>Electronic Interlocking - Traffic Control System</td></tr><tr><td>0x90</td><td>Electronic Interlocking - Generic IO</td></tr><tr><td>0xC0</td><td>Electronic Interlocking - External Level Crossing System</td></tr></table> a_JIRA_BL4R3: EUAR-682	value	meaning	-----	-----	0x01	Electronic Interlocking - Adjacent Interlocking System	0x20	Electronic Interlocking - Train Detection System	0x30	Electronic Interlocking - Light Signal	0x40	Electronic Interlocking - Point	0x50	Electronic Interlocking - Radio Block Centre	0x60	Electronic Interlocking - Subsystem -Level Crossing	0x70	Electronic Interlocking - Traffic Control System	0x90	Electronic Interlocking - Generic IO	0xC0	Electronic Interlocking - External Level Crossing System
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0xC0	Electronic Interlocking - External Level Crossing System																																															
Eu.SCI-XX.PDI.55	Info	Message Type The identification of a telegram of a protocol type is defined by message type.																																														
Eu.SCI-XX.PDI.56	Info	Sender Identifier Identifier of the sender as in chapter 3.2.																																														
Eu.SCI-XX.PDI.57	Info	Receiver Identifier Identifier of the receiver as in chapter 3.2.																																														
Eu.SCI-XX.PDI.58	Info	Payload Payload contains the information objects to be exchanged among communication partners.																																														
Eu.SCI-XX.PDI.59	Head	3.2 Sender and Receiver Identifier																																														
Eu.SCI-XX.PDI.60	Req	All communication partners at the SCI-XX interface shall be identified either by an operational or technical identifier. For each message type it is specified, which identifier is to be used. The identifiers shall be structured according to Eu.SAS.1764 see [Eu.Doc.16].																																														
Eu.SCI-XX.PDI.61	Req	In case of an operational identifier, the designator given by configuration shall be used.																																														
Eu.SCI-XX.PDI.62	Req	In case of a technical identifier, the technical identifier (SubS_ID) given by configuration shall be used.																																														
Eu.SCI-XX.PDI.65	Head	3.3 Message and command type overview																																														
Eu.SCI-XX.PDI.66	Info	The following table shows permitted message types for the SCI-XX.PDI.																																														

ID	Type	Requirement		JIRA	V 3.3 (0.A) > V 3.2 (0.A)																																			
		<table><tr><th>Message Type</th><th>Value</th><th>Purpose</th></tr><tr><td><i>command</i> PDI-Version check</td><td>0x0024</td><td>Request to check PDI-Version</td></tr><tr><td><i>message</i> PDI-Version check</td><td>0x0025</td><td>Answer to „PDI-Version check“ request</td></tr><tr><td><i>command</i> Initialisation Request</td><td>0x0021</td><td>Request for status information</td></tr><tr><td><i>message</i> Start Initialisation</td><td>0x0022</td><td>Beginning of status message transmission</td></tr><tr><td><i>message</i> Status Report Completed</td><td>0x0026</td><td>Status message transmission of one partner is completed</td></tr><tr><td><i>message</i> Initialisation Completed</td><td>0x0023</td><td>Status message transmission completed</td></tr><tr><td><i>command</i> Close PDI</td><td>0x0027</td><td>Request to close PDI connection</td></tr><tr><td><i>command</i> Release PDI for Maintenance</td><td>0x0028</td><td>Request to release PDI connection for Maintenance</td></tr><tr><td><i>message</i> PDI Available</td><td>0x0029</td><td>Status message transmission that PDI connection is available</td></tr><tr><td><i>message</i> PDI Not Available</td><td>0x002A</td><td>Status message transmission that PDI connection is not available</td></tr><tr><td><i>message</i> Reset PDI</td><td>0x002B</td><td>Status message transmission to reset PDI connection</td></tr></table>	Message Type	Value	Purpose	<i>command</i> PDI-Version check	0x0024	Request to check PDI-Version	<i>message</i> PDI-Version check	0x0025	Answer to „PDI-Version check“ request	<i>command</i> Initialisation Request	0x0021	Request for status information	<i>message</i> Start Initialisation	0x0022	Beginning of status message transmission	<i>message</i> Status Report Completed	0x0026	Status message transmission of one partner is completed	<i>message</i> Initialisation Completed	0x0023	Status message transmission completed	<i>command</i> Close PDI	0x0027	Request to close PDI connection	<i>command</i> Release PDI for Maintenance	0x0028	Request to release PDI connection for Maintenance	<i>message</i> PDI Available	0x0029	Status message transmission that PDI connection is available	<i>message</i> PDI Not Available	0x002A	Status message transmission that PDI connection is not available	<i>message</i> Reset PDI	0x002B	Status message transmission to reset PDI connection		
Message Type	Value	Purpose																																						
<i>command</i> PDI-Version check	0x0024	Request to check PDI-Version																																						
<i>message</i> PDI-Version check	0x0025	Answer to „PDI-Version check“ request																																						
<i>command</i> Initialisation Request	0x0021	Request for status information																																						
<i>message</i> Start Initialisation	0x0022	Beginning of status message transmission																																						
<i>message</i> Status Report Completed	0x0026	Status message transmission of one partner is completed																																						
<i>message</i> Initialisation Completed	0x0023	Status message transmission completed																																						
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<i>message</i> PDI Available	0x0029	Status message transmission that PDI connection is available																																						
<i>message</i> PDI Not Available	0x002A	Status message transmission that PDI connection is not available																																						
<i>message</i> Reset PDI	0x002B	Status message transmission to reset PDI connection																																						
Eu.SCI-XX.PDI.67	Head	3.4 Telegram definitions																																						
Eu.SCI-XX.PDI.68	Info	In this chapter, telegrams for SCI-XX.PDI are defined.																																						
Eu.SCI-XX.PDI.69	Head	3.4.1 Command "PDI-Version check"																																						
Eu.SCI-XX.PDI.70	Info	The Sender of this telegram requests the Receiver to check PDI-Version. This telegram refines the InformationFlow "Cd_PDI_Version_Check" specified in the requirements specification (ID Eu.Gen-SCI.481).																																						
Eu.SCI-XX.PDI.71	Info	Telegram definition for command "PDI-Version check" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0024 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>43</td><td>PDI-Version of Sender (1 Byte binary)</td></tr></table>		Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0024 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)	43	PDI-Version of Sender (1 Byte binary)																									
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23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)																																							
43	PDI-Version of Sender (1 Byte binary)																																							
Eu.SCI-XX.PDI.72	Req	Permitted values for command "PDI-Version check":																																						
Eu.SCI-XX.PDI.73	Req	Message Type The message bytes 1 and 2 shall be set to 0x0024.																																						

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)																		
Eu.SCI-XX.PDI.124	Req	Interfacing partners for command "PDI-Version check" <table><tr><td>Sender</td><td>Receiver</td></tr><tr><td>Primary communication partner</td><td>Secondary communication partner</td></tr></table>	Sender	Receiver	Primary communication partner	Secondary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608														
Sender	Receiver																					
Primary communication partner	Secondary communication partner																					
Eu.SCI-XX.PDI.74	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.																				
Eu.SCI-XX.PDI.75	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.																				
Eu.SCI-XX.PDI.76	Req	PDI-Version of Sender The message byte 43 shall contain the interface version, configured to the Sender. Values from 0x01 to 0xFE are valid.																				
Eu.SCI-XX.PDI.77	Head	3.4.2 Message "PDI-Version check"																				
Eu.SCI-XX.PDI.78	Info	With this telegram the Sender tells the Receiver the result of the version check. This telegram refines the InformationFlow "Msg_PDI_Version_Check" specified in the requirements specification (ID Eu.Gen-SCI.486).																				
Eu.SCI-XX.PDI.79	Info	Telegram definition for message "PDI-Version check" <table><tr><td>Byte-Nr.</td><td>Content</td></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0025 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>43</td><td>Result PDI-Version check (1 Byte binary)</td></tr><tr><td>44</td><td>Sender PDI-Version (1 Byte binary)</td></tr><tr><td>45</td><td>Checksum length (1 Byte binary)</td></tr><tr><td>46..46+n-1</td><td>Checksum data (n Bytes binary)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0025 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)	43	Result PDI-Version check (1 Byte binary)	44	Sender PDI-Version (1 Byte binary)	45	Checksum length (1 Byte binary)	46..46+n-1	Checksum data (n Bytes binary)		
Byte-Nr.	Content																					
00	Specific Protocol Type (1 Byte binary)																					
01..02	Message Type: 0x0025 (2 Bytes binary)																					
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)																					
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)																					
43	Result PDI-Version check (1 Byte binary)																					
44	Sender PDI-Version (1 Byte binary)																					
45	Checksum length (1 Byte binary)																					
46..46+n-1	Checksum data (n Bytes binary)																					
Eu.SCI-XX.PDI.80	Req	Permitted values for message "PDI-Version check":																				
Eu.SCI-XX.PDI.81	Req	Message Type The message bytes 1 and 2 shall be set to 0x0025.																				
Eu.SCI-XX.PDI.125	Req	Interfacing partners for message "PDI-Version check" <table><tr><td>Sender</td><td>Receiver</td></tr><tr><td>Secondary communication partner</td><td>Primary communication partner</td></tr></table>	Sender	Receiver	Secondary communication partner	Primary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608														
Sender	Receiver																					
Secondary communication partner	Primary communication partner																					
Eu.SCI-XX.PDI.82	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.																				
Eu.SCI-XX.PDI.83	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.																				

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)										
Eu.SCI-XX.PDI.84	Req	Result PDI-Version check The message byte 43 shall contain the result of version matching. Permitted values: value meaning ----- -----												
Eu.SCI-XX.PDI.86	Req	0x01 PDI-Versions from Receiver and Sender do not match.												
Eu.SCI-XX.PDI.87	Req	0x02 PDI-Versions from Receiver and Sender do match.												
Eu.SCI-XX.PDI.88	Req	Sender PDI-Version The message byte 44 shall contain the PDI-Version of the Sender. Permitted values: value meaning ----- -----												
Eu.SCI-XX.PDI.90	Req	0x01..0xFE PDI-Version configured in the Sender.												
Eu.SCI-XX.PDI.91	Req	Checksum length Byte 45 contains the amount n of following bytes, used for checksum information.												
Eu.SCI-XX.PDI.92	Req	If byte 43 is set to 0x01, byte 45 shall be set to zero.												
Eu.SCI-XX.PDI.93	Req	Checksum data The bytes 46 ... 46+n-1 shall contain checksum information interpreted as byte array.		Object Text: Checksum data The bytes 46 ... 46+n-1 shall contain checksum information in binary form, least interpreted significantas byte firstarray.										
Eu.SCI-XX.PDI.94	Req	The bytes 46 ... 46+n-1 shall not be allocated, if PDI-Version from Receiver and Sender does not match.												
Eu.SCI-XX.PDI.95	Head	3.4.3 Command "Initialisation Request"												
Eu.SCI-XX.PDI.96	Info	With this telegram the Sender requests status information from the Receiver. This telegram refines the InformationFlow "Cd_Initialisation_Request" specified in the requirements specification (ID Eu.Gen-SCI.480).												
Eu.SCI-XX.PDI.97	Info	Telegram definition for command "Initialisation Request" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0021 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0021 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)		
Byte-Nr.	Content													
00	Specific Protocol Type (1 Byte binary)													
01..02	Message Type: 0x0021 (2 Bytes binary)													
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)													
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)													
Eu.SCI-XX.PDI.98	Req	Permitted values for command "Initialisation Request":												
Eu.SCI-XX.PDI.99	Req	Message Type The message bytes 1 and 2 shall be set to 0x0021.												
Eu.SCI-XX.PDI.126	Req	Interfacing partners for command "Initialisation Request" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Primary communication partner</td><td>Secondary communication partner</td></tr></table>	Sender	Receiver	Primary communication partner	Secondary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608						
Sender	Receiver													
Primary communication partner	Secondary communication partner													
Eu.SCI-XX.PDI.100	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)										
Eu.SCI-XX.PDI.101	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.102	Head	3.4.4 Message "Start Initialisation"												
Eu.SCI-XX.PDI.103	Info	With this telegram the Sender announces the beginning of status message transmission to the Receiver. This telegram refines the InformationFlow "Msg_Start_Initialisation" specified in the requirements specification (ID Eu.Gen-SCI.488).												
Eu.SCI-XX.PDI.104	Info	Telegram definition for message "Start Initialisation" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0022 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0022 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)		
Byte-Nr.	Content													
00	Specific Protocol Type (1 Byte binary)													
01..02	Message Type: 0x0022 (2 Bytes binary)													
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)													
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)													
Eu.SCI-XX.PDI.105	Req	Permitted values for message "Start Initialisation":												
Eu.SCI-XX.PDI.106	Req	Message Type The message bytes 1-2 shall be set to 0x0022.												
Eu.SCI-XX.PDI.127	Req	Interfacing partners for message "Start Initialisation" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Secondary communication partner</td><td>Primary communication partner</td></tr></table>	Sender	Receiver	Secondary communication partner	Primary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608						
Sender	Receiver													
Secondary communication partner	Primary communication partner													
Eu.SCI-XX.PDI.107	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.108	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.135	Head	3.4.5 Message "Status Report Completed"												
Eu.SCI-XX.PDI.136	Info	With this telegram the Sender announces, that status message transmission of one partner is now completed. This telegram refines the InformationFlow "Msg_Status_Report_Completed" specified in the requirements specification (ID Eu.Gen-SCI.489).												
Eu.SCI-XX.PDI.137	Info	Telegram definition for message "Status Report Completed" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0026 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0026 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)		
Byte-Nr.	Content													
00	Specific Protocol Type (1 Byte binary)													
01..02	Message Type: 0x0026 (2 Bytes binary)													
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)													
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)													
Eu.SCI-XX.PDI.138	Req	Permitted values for message "Status Report Completed":												
Eu.SCI-XX.PDI.139	Req	Message Type The message bytes 1 - 2 shall be set to 0x0026.												

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)										
Eu.SCI-XX.PDI.140	Req	Interfacing partners for message "Status Report Completed" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Adjacent system interfaces</td><td>Adjacent system interfaces</td></tr><tr><td>Secondary communication partner</td><td>Primary communication partner</td></tr><tr><td>Adjacent system interfaces</td><td>Adjacent system interfaces</td></tr><tr><td>Primary communication partner</td><td>Secondary communication partner</td></tr></table>	Sender	Receiver	Adjacent system interfaces	Adjacent system interfaces	Secondary communication partner	Primary communication partner	Adjacent system interfaces	Adjacent system interfaces	Primary communication partner	Secondary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608
Sender	Receiver													
Adjacent system interfaces	Adjacent system interfaces													
Secondary communication partner	Primary communication partner													
Adjacent system interfaces	Adjacent system interfaces													
Primary communication partner	Secondary communication partner													
Eu.SCI-XX.PDI.141	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.142	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.109	Head	3.4.6 Message "Initialisation Completed"												
Eu.SCI-XX.PDI.110	Info	With this telegram the Sender announces, that status message transmission is now completed. This telegram refines the InformationFlow "Msg_Initialisation_Completed" specified in the requirements specification (ID Eu.Gen-SCI.483).												
Eu.SCI-XX.PDI.111	Info	Telegram definition for message "Initialisation Completed" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0023 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0023 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)		
Byte-Nr.	Content													
00	Specific Protocol Type (1 Byte binary)													
01..02	Message Type: 0x0023 (2 Bytes binary)													
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)													
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)													
Eu.SCI-XX.PDI.112	Req	Permitted values for message "Initialisation Completed":												
Eu.SCI-XX.PDI.113	Req	Message Type The message bytes 1 - 2 shall be set to 0x0023.												
Eu.SCI-XX.PDI.128	Req	Interfacing partners for message "Initialisation Complete" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Secondary communication partner</td><td>Primary communication partner</td></tr></table>	Sender	Receiver	Secondary communication partner	Primary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608						
Sender	Receiver													
Secondary communication partner	Primary communication partner													
Eu.SCI-XX.PDI.114	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.115	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.157	Head	3.4.7 Command "Close PDI"												
Eu.SCI-XX.PDI.158	Info	With this telegram the Sender requests the Receiver to close the PDI connection. This telegram refines the InformationFlow "Cd_Close_PDI" specified in the requirements specification (ID Eu.Gen-SCI.479).												
Eu.SCI-XX.PDI.159	Info	Telegram definition for command "Close PDI"												

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)												
		<table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0027 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>43</td><td>Close Reason (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0027 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)	43	Close Reason (1 Byte binary)		
Byte-Nr.	Content															
00	Specific Protocol Type (1 Byte binary)															
01..02	Message Type: 0x0027 (2 Bytes binary)															
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)															
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)															
43	Close Reason (1 Byte binary)															
Eu.SCI-XX.PDI.160	Req	Permitted values for command "Close PDI":														
Eu.SCI-XX.PDI.161	Req	Message Type The message bytes 1 and 2 shall be set to 0x0027.														
Eu.SCI-XX.PDI.162	Req	Interfacing partners for command "Close PDI" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Primary communication partner</td><td>Secondary communication partner</td></tr></table>	Sender	Receiver	Primary communication partner	Secondary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608								
Sender	Receiver															
Primary communication partner	Secondary communication partner															
Eu.SCI-XX.PDI.163	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.														
Eu.SCI-XX.PDI.164	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.														
Eu.SCI-XX.PDI.202	Req	Close Reason The message byte 43 shall contain the close reason. Permitted values: value meaning ----- -----														
Eu.SCI-XX.PDI.203	Req	0x01 Protocol error														
Eu.SCI-XX.PDI.204	Req	0x02 Formal telegram error														
Eu.SCI-XX.PDI.205	Req	0x03 Content telegram error														
Eu.SCI-XX.PDI.206	Req	0x04 Normal close														
Eu.SCI-XX.PDI.207	Req	0x05 Other version required														
Eu.SCI-XX.PDI.208	Req	0x06 Timeout														
Eu.SCI-XX.PDI.209	Req	0x07 Checksum mismatch														
Eu.SCI-XX.PDI.165	Head	3.4.8 Command "Release PDI for Maintenance"														
Eu.SCI-XX.PDI.166	Info	With this telegram the Sender requests the Receiver to release the PDI connection for Maintenance. This telegram refines the InformationFlow "Cd_Release_PDI_for_Maintenance" specified in the requirements specification (ID Eu.Gen-SCI.482).														
Eu.SCI-XX.PDI.167	Info	Telegram definition for command "Release PDI for Maintenance"														

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)										
		<table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0028 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0028 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)		
Byte-Nr.	Content													
00	Specific Protocol Type (1 Byte binary)													
01..02	Message Type: 0x0028 (2 Bytes binary)													
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)													
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)													
Eu.SCI-XX.PDI.168	Req	Permitted values for command "Release PDI for Maintenance":												
Eu.SCI-XX.PDI.169	Req	Message Type The message bytes 1 and 2 shall be set to 0x0028.												
Eu.SCI-XX.PDI.170	Req	Interfacing partners for command "Release PDI for Maintenance" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Field element interfaces Primary communication partner</td><td>Field element interfaces Secondary communication partner</td></tr></table>	Sender	Receiver	Field element interfaces Primary communication partner	Field element interfaces Secondary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608						
Sender	Receiver													
Field element interfaces Primary communication partner	Field element interfaces Secondary communication partner													
Eu.SCI-XX.PDI.171	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.172	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.173	Head	3.4.9 Message "PDI Available"												
Eu.SCI-XX.PDI.174	Info	With this telegram the Sender announces, that the PDI connection is available. This telegram refines the InformationFlow "Msg_PDI_Available" specified in the requirements specification (ID Eu.Gen-SCI.484).												
Eu.SCI-XX.PDI.175	Info	Telegram definition for message "PDI Available" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0029 (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x0029 (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)		
Byte-Nr.	Content													
00	Specific Protocol Type (1 Byte binary)													
01..02	Message Type: 0x0029 (2 Bytes binary)													
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)													
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)													
Eu.SCI-XX.PDI.176	Req	Permitted values for message "PDI Available":												
Eu.SCI-XX.PDI.177	Req	Message Type The message bytes 1 - 2 shall be set to 0x0029.												
Eu.SCI-XX.PDI.178	Req	Interfacing partners for message "PDI Available" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Field element interfaces Secondary communication partner</td><td>Field element interfaces Primary communication partner</td></tr></table>	Sender	Receiver	Field element interfaces Secondary communication partner	Field element interfaces Primary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608						
Sender	Receiver													
Field element interfaces Secondary communication partner	Field element interfaces Primary communication partner													
Eu.SCI-XX.PDI.179	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)										
Eu.SCI-XX.PDI.180	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.181	Head	3.4.10 Message "PDI Not Available"												
Eu.SCI-XX.PDI.182	Info	With this telegram the Sender announces, that the PDI connection is not available. This telegram refines the InformationFlow "Msg_PDI_Not_Available" specified in the requirements specification (ID Eu.Gen-SCI.485).												
Eu.SCI-XX.PDI.183	Info	Telegram definition for message "PDI Not Available" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x002A (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x002A (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)		
Byte-Nr.	Content													
00	Specific Protocol Type (1 Byte binary)													
01..02	Message Type: 0x002A (2 Bytes binary)													
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)													
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)													
Eu.SCI-XX.PDI.184	Req	Permitted values for message "PDI Not Available":												
Eu.SCI-XX.PDI.185	Req	Message Type The message bytes 1 - 2 shall be set to 0x002A.												
Eu.SCI-XX.PDI.186	Req	Interfacing partners for message "PDI Not Available" <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Field element interfaces</td><td>Field element interfaces</td></tr><tr><td>Secondary communication partner</td><td>Primary communication partner</td></tr></table>	Sender	Receiver	Field element interfaces	Field element interfaces	Secondary communication partner	Primary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608				
Sender	Receiver													
Field element interfaces	Field element interfaces													
Secondary communication partner	Primary communication partner													
Eu.SCI-XX.PDI.187	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.188	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.												
Eu.SCI-XX.PDI.189	Head	3.4.11 Message "Reset PDI"												
Eu.SCI-XX.PDI.190	Info	With this telegram the sender informs about a detected communication error to reset the PDI connection. This telegram refines the InformationFlow "Msg_Reset_PDI" specified in the requirements specification (ID Eu.Gen-SCI.487).	EUAR-743	Object Text: With this telegram the sender informs about an a detected communication error to reset reset the PDI connection. This telegram refines the InformationFlow "Msg_Reset_PDI" specified in the requirements specification (ID Eu.Gen-SCI.487). a_JIRA_BL4R3: EUAR-743										

ID	Type	Requirement	JIRA	V 3.3 (0.A) > V 3.2 (0.A)												
Eu.SCI-XX.PDI.191	Info	<div>Telegram definition for message "Reset PDI"</div> <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Specific Protocol Type (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x002B (2 Bytes binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>43</td><td>Reset Reason (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Specific Protocol Type (1 Byte binary)	01..02	Message Type: 0x002B (2 Bytes binary)	03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)	43	Reset Reason (1 Byte binary)		
Byte-Nr.	Content															
00	Specific Protocol Type (1 Byte binary)															
01..02	Message Type: 0x002B (2 Bytes binary)															
03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)															
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)															
43	Reset Reason (1 Byte binary)															
Eu.SCI-XX.PDI.192	Req	Permitted values for message "Reset PDI":														
Eu.SCI-XX.PDI.193	Req	Message Type The message bytes 1 - 2 shall be set to 0x002B.														
Eu.SCI-XX.PDI.194	Req	<div>Interfacing partners for message "Reset PDI"</div> <table><tr><th>Sender</th><th>Receiver</th></tr><tr><td>Secondary communication partner</td><td>Primary communication partner</td></tr></table>	Sender	Receiver	Secondary communication partner	Primary communication partner	EUAR-608	a_JIRA_BL4R3: EUAR-608								
Sender	Receiver															
Secondary communication partner	Primary communication partner															
Eu.SCI-XX.PDI.195	Req	Sender Identifier The message bytes 3 - 22 shall contain the technical identifier of the Sender according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.														
Eu.SCI-XX.PDI.196	Req	Receiver Identifier The message bytes 23 - 42 shall contain the technical identifier of the Receiver according to ID Eu.SCI-XX.PDI.60 in ISO IEC 8859-1:1998 format.														
Eu.SCI-XX.PDI.197	Req	Reset Reason The message byte 43 shall contain the reset reason. Permitted values: value meaning ----- -----														
Eu.SCI-XX.PDI.199	Req	0x01 Protocol error														
Eu.SCI-XX.PDI.200	Req	0x02 Formal telegram error														
Eu.SCI-XX.PDI.201	Req	0x03 Content telegram error														