



EULYNX Initiative

Interface specification SCI-ILS

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ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.4	Head	1 Introduction	Default		
Eu.SCI-ILS.PDI.5	Head	1.1 Release information	Default		
Eu.SCI-ILS.PDI.6	Info	[Eu.Doc.42] Interface specification SCI-ILS CENELEC Phase: 5 Version: 4.4 (1.A) Approval date: 02.06.2025	Default		Object Text: [Eu.Doc.42] Interface specification SCI-ILS CENELEC Phase: 5 Version: 4. 34 (01 .A) Approval date: 2902.0506.2024 <u>2025</u>
Eu.SCI-ILS.PDI.1	Info	Version history	Default		
Eu.SCI-ILS.PDI.704	Info	version number: 4.0 (0.A) date: 16.05.2022 author: Dennis Kunz review: CCB changes: EUILS-268, EUILS-270, EUILS-271	Default		
Eu.SCI-ILS.PDI.711	Info	version number: 4.1 (0.A) date: 05.04.2023 author: Dennis Kunz review: cluster changes: EUILS-278, EUILS-280, EUILS-281, EUILS-282, EUILS-283	Default		
Eu.SCI-ILS.PDI.745	Info	version number: 4.2 (0.A) date: 26.06.2023 author: Dennis Kunz review: CCB changes: EUILS-285, EUILS-287, EUILS-288, EUILS-290, EUILS-292	Default		
Eu.SCI-ILS.PDI.746	Info	version number: 4.2 (1.B) date: 30.04.2024 author: Dennis Kunz review: cluster changes: EUILS-275, EUILS-276, EUILS-302, EUILS-303, EUILS-305, EUILS-309, EUILS-310, EUILS-311	Default		
Eu.SCI-ILS.PDI.748	Info	version number: 4.3 (0.A) date: 18.06.2024 author: Dennis Kunz review: CCB changes: EUILS-312, EUILS-313	Default		Object Text: version number: 4.3 (0.A) date: 18.06.2024 author: Dennis Kunz review: TACS-Mirror Group <u>CCB</u> changes: EUILS-312, EUILS-313
Eu.SCI-ILS.PDI.749	Info	version number: 4.4 (0.A) date: 12.03.2025 author: Dennis Kunz, Philipp Wolber review: cluster changes: EUILS-308, EUILS-315, EUILS-317	Default		object created after baseline 4.3 (0.A)
Eu.SCI-ILS.PDI.757	Info	version number: 4.4 (1.A) date: 19.06.2025 author: Dennis Kunz, Philipp Wolber review: CCB changes: EUILS-318, EUILS-319, EUILS-320, EUILS-321, EUILS-322	Default		object created after baseline 4.3 (0.A)
Eu.SCI-ILS.PDI.7	Head	1.2 Impressum	Default		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.8	Info	Publisher: EULYNX Initiative A full list of the EULYNX Partners can be found on https://eulynx.eu/ .	Default		
Eu.SCI-ILS.PDI.9	Info	Responsible for this document: EULYNX Project Management Office www.eulynx.eu	Default		
Eu.SCI-ILS.PDI.158	Info	Copyright EULYNX Partners All information included or disclosed in this document is licensed under the European Union Public Licence EUPL, Version 1.2 or later.	Default		
Eu.SCI-ILS.PDI.10	Head	1.3 Purpose	Default		
Eu.SCI-ILS.PDI.11	Info	This document specifies the application layer of the standardised interface for safe communication between the Subsystem - Electronic Interlocking and Adjacent Interlocking System (SCI-ILS).	Default		
Eu.SCI-ILS.PDI.12	Info	This application layer is designated as SCI-ILS.PDI.	Default		
Eu.SCI-ILS.PDI.13	Info	This document contains the general requirements for communication and the technical specification (e.g. telegrams) of the SCI-ILS.PDI.	Default		
Eu.SCI-ILS.PDI.14	Info	This specification does not define the detailed behaviour of the interfacing partners (Subsystem - Electronic Interlocking and Adjacent Interlocking System), nor the situations in which the defined telegrams are sent. This behaviour is the subject of the individual system specifications.	Default		
Eu.SCI-ILS.PDI.15	Info	Some items, referring to "interface-related" functionality of the communication partners, have been added to this specification as information, providing an overview only. In any case these are subject to appropriate systems (national) specification.	Default		
Eu.SCI-ILS.PDI.16	Info	This document is intended for the following users: <ul style="list-style-type: none"> • safety authorities • infrastructure managers • safety accessors • signalling system suppliers • validators 	Default		
Eu.SCI-ILS.PDI.18	Head	1.4 Applicable standards and regulations	Default		
Eu.SCI-ILS.PDI.19	Info	The applicable standards and regulations used in EULYNX are listed in the EULYNX Reference Document List [Eu.Doc.12].	Default		
Eu.SCI-ILS.PDI.159	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-ILS" is stated.	Default		
Eu.SCI-ILS.PDI.20	Head	1.5 Applicable documents	Default		
Eu.SCI-ILS.PDI.21	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].	Default		
Eu.SCI-ILS.PDI.24	Head	1.6 Appendices	Default		
Eu.SCI-ILS.PDI.25	Info	<i>- intentionally left blank -</i>	Default		
Eu.SCI-ILS.PDI.150	Head	1.7 Terms and abbreviations	Default		
Eu.SCI-ILS.PDI.151	Info	The terms and abbreviations are listed in the EULYNX Glossary [Eu.Doc.9].	Default		
Eu.SCI-ILS.PDI.152	Head	1.8 Variability management	Default		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.153	Info	The applicability column indicates the applicability of the requirement or information object per EULYNX partner. Value "Default" means the object applies to all EULYNX partners. Value "IM code" means the object applies specifically to the stated EULYNX partner. IM codes follow the pattern "abcdyz", where abcd is the UIC numeric code for railway companies and yz is by default "00".	Default		
Eu.SCI-ILS.PDI.26	Head	1.9 Definition of object types	Default		
Eu.SCI-ILS.PDI.27	Info	The following definition for object types is applied in this document:	Default		
Eu.SCI-ILS.PDI.28	Info	<ul style="list-style-type: none">"Req" - This denotes a mandatory requirement.	Default		
Eu.SCI-ILS.PDI.31	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.	Default		
Eu.SCI-ILS.PDI.32	Info	<ul style="list-style-type: none">"Head" - This denotes chapter headings.	Default		
Eu.SCI-ILS.PDI.33	Head	2 General requirements	Default		
Eu.SCI-ILS.PDI.705	Req	All references to [Eu.Doc.41] refer to Requirements specification for SCI-ILS version 4.3.	Default	EUILS-320	Object Text: All references to [Eu.Doc.41] refer to Requirements specification for SCI-ILS version 4.3 (0.A) . a_JIRA_BL4R4: EUILS-320
Eu.SCI-ILS.PDI.611	Req	All references to [Eu.Doc.93] refer to Interface specification SCI Generic version 3.3.	Default	EUILS-320	Object Text: All references to [Eu.Doc.93] refer to Interface specification SCI Generic version 3.3 (0.A) . a_JIRA_BL4R4: EUILS-320
Eu.SCI-ILS.PDI.42	Head	2.1 Version handling	Default		
Eu.SCI-ILS.PDI.44	Info	The version handling is described in [Eu.Doc.93].	Default		
Eu.SCI-ILS.PDI.610	Req	The PDI-version of the SCI-ILS as described in this document is 0x05.	Default	EUILS-322	Object Text: The PDI-version of the SCI-ILS as described in this document is 0x04 0x05 . a_JIRA_BL4R4: EUILS-322
Eu.SCI-ILS.PDI.49	Head	2.2 Communication requirements	Default		
Eu.SCI-ILS.PDI.50	Info	The Communication requirements are described in [Eu.Doc.93].	Default		
Eu.SCI-ILS.PDI.706	Head	2.3 Functional requirements	Default		
Eu.SCI-ILS.PDI.707	Info	The functional requirements for SCI-ILS are described in [Eu.Doc.41].	Default		
Eu.SCI-ILS.PDI.54	Head	3 Telegrams SCI-ILS.PDI	Default		
Eu.SCI-ILS.PDI.55	Info	This chapter defines the SCI-ILS.PDI telegrams.	Default		
Eu.SCI-ILS.PDI.56	Head	3.1 Telegram structure	Default		
Eu.SCI-ILS.PDI.57	Info	The telegram structure is specified in [Eu.Doc.93].	Default		
Eu.SCI-ILS.PDI.64	Head	3.2 Sender and Receiver Identifier	Default		
Eu.SCI-ILS.PDI.65	Info	The identification of communications partners is specified in [Eu.Doc.93].	Default		
Eu.SCI-ILS.PDI.602	Head	3.3 Payload element ID overview	Default		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)														
Eu.SCI-ILS.PDI.603	Info	The “Payload element ID” forms a part of the payload of relevant telegrams and represents the generic term for the identity of the physical or logical element to which the telegram relates. The full list of payload element IDs used by telegrams defined in section 3.5 are listed in the table below.	Default																
Eu.SCI-ILS.PDI.604	Info	Payload element IDs shall be in ISO IEC 8859-1:1998 format and shall be filled in left-adjusted with trailing whitespace covered with the NULL character (0x00).	Default																
Eu.SCI-ILS.PDI.605	Info	Payload element IDs and length used by telegrams <table><tr><td>Payload element IDs used by telegrams</td><td>Length</td></tr><tr><td>-----</td><td>-----</td></tr><tr><td>Activation Zone ID</td><td>20 Chars</td></tr><tr><td>Approach Zone ID</td><td>20 Chars</td></tr><tr><td>Boundary ID</td><td>20 Chars</td></tr><tr><td>Route ID</td><td>20 Chars</td></tr><tr><td>Overlap ID</td><td>20 Chars</td></tr></table>	Payload element IDs used by telegrams	Length	-----	-----	Activation Zone ID	20 Chars	Approach Zone ID	20 Chars	Boundary ID	20 Chars	Route ID	20 Chars	Overlap ID	20 Chars	Default		
Payload element IDs used by telegrams	Length																		
-----	-----																		
Activation Zone ID	20 Chars																		
Approach Zone ID	20 Chars																		
Boundary ID	20 Chars																		
Route ID	20 Chars																		
Overlap ID	20 Chars																		
Eu.SCI-ILS.PDI.70	Head	3.4 Message and command type overview	Default																
Eu.SCI-ILS.PDI.71	Info	The following table shows permitted message types for the SCI-ILS.PDI. The Subsystem - Electronic Interlocking and Adjacent Interlocking System send and receive all messages. The permitted generic message types are specified in [Eu.Doc.93].	Default																

ID	Type	Requirement			Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)					
		<div><div>Message Type</div><div>Value</div><div>Purpose</div></div>										
		<div><div>message</div><div>Activation Zone Status</div></div>	0x0001	report the status of an activation zone								
		<div><div>message</div><div>Approach Zone Status</div></div>	0x0002	report the status of an approach zone								
		<div><div>command</div><div>Access Restriction Request</div></div>	0x0003	request the activation or deactivation of an access restriction to the track section								
		<div><div>message</div><div>Access Restriction Status</div></div>	0x0012	report the status of an access restriction of the track section								
		<div><div>message</div><div>Line Status</div></div>	0x0004	report the status of the line								
		<div><div>command</div><div>Flank Protection Request</div></div>	0x0005	request the provision or cancellation of flank protection								
		<div><div>message</div><div>Flank Protection Status</div></div>	0x0013	report the status of flank protection								
		<div><div>message</div><div>Line Direction Control</div></div>	0x0006	report the current line direction request the line direction "exit" or hand over the line direction "exit" enable or disable line block direction and report its status								
		<div><div>command</div><div>Route Request</div></div>	0x0007	request the initialisation of a secondary route								
		<div><div>message</div><div>Route Status</div></div>	0x0008	report the status of a secondary route								
		<div><div>message</div><div>Route Monitoring Status</div></div>	0x0009	report the status of the route monitoring of a secondary route								
		<div><div>command</div><div>Route Cancellation Request</div></div>	0x000A	request the cancellation of a secondary route								
		<div><div>command</div><div>Abort Route Cancellation Request</div></div>	0x0016	request the abortion of the route cancellation								
		<div><div>message</div><div>Train Operated Route Release Status</div></div>	0x000B	report the status of the train operated release of the track section adjacent to the boundary								
		<div><div>message</div><div>Signal Status</div></div>	0x000C	report the status of a signal								
		<div><div>message</div><div>TVPS Status</div></div>	0x000D	report the status of a TVPS adjacent to a boundary								
		<div><div>message</div><div>Opposite Main Signal Status</div></div>	0x000E	report the status of the opposite main signals								
		<div><div>command</div><div>Route Pretest Request</div></div>	0x000F	request the pretest of a secondary route								
		<div><div>message</div><div>Route Pretest Status</div></div>	0x0010	report the status of a secondary route pretest								
		<div><div>command</div><div>Route Release Inhibition Activation Request</div></div>	0x0011	request the activation of the inhibited route release								
		<div><div>message</div><div>Route Release Inhibition Status</div></div>	0x0014	report the status of the inhibited route release								
		<div><div>message</div><div>TDP Status</div></div>	0x0015	report the status of the TDP								
		Eu.SCI-ILS.PDI.72	Head	3.5 Telegram definitions				Default				
		Eu.SCI-ILS.PDI.73	Info	In this chapter, telegrams for SCI-ILS.PDI are defined. The generic telegrams are defined in [Eu.Doc.93].				Default				
Eu.SCI-ILS.PDI.458	Info	The sender of a telegram is either the Subsystem - Electronic Interlocking or the Adjacent Interlocking System depending on the specific situation.			Default							

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																
Eu.SCI-ILS.PDI.459	Info	The receiver of a telegram is either the Subsystem - Electronic Interlocking or the Adjacent Interlocking System depending on the specific situation.	Default																		
Eu.SCI-ILS.PDI.111	Head	3.5.1 Message "Activation Zone Status"	Default																		
Eu.SCI-ILS.PDI.112	Info	With this telegram the sender reports the status of an activation zone. This telegram refines the InformationFlow "Msg_Activation_Zone_Status" specified in the requirements specification (ID Eu.ILS.3960).	Default																		
Eu.SCI-ILS.PDI.113	Info	Telegram definition for message "Activation Zone Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0001 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63..82</td><td>Activation Zone ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>83</td><td>Activation Zone Status (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0001 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63..82	Activation Zone ID (20 Bytes ISO IEC 8859-1:1998)	83	Activation Zone Status (1 Byte binary)	Default		
Byte-Nr.	Content																				
00	Protocol Type: 0x01 (1 Byte binary)																				
01..02	Message Type: 0x0001 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																				
63..82	Activation Zone ID (20 Bytes ISO IEC 8859-1:1998)																				
83	Activation Zone Status (1 Byte binary)																				
Eu.SCI-ILS.PDI.114	Req	Permitted values for message "Activation Zone Status":	Default																		
Eu.SCI-ILS.PDI.115	Req	Message Type The message bytes 1-2 shall be set to 0x0001.	Default																		
Eu.SCI-ILS.PDI.116	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default																		
Eu.SCI-ILS.PDI.117	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default																		
Eu.SCI-ILS.PDI.464	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default																		
Eu.SCI-ILS.PDI.195	Req	Activation Zone ID The message bytes 63-82 shall contain the identifier of the activation zone in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default																		
Eu.SCI-ILS.PDI.448	Req	Activation Zone Status The message byte 83 shall contain the status of the activation zone. Permitted values: value meaning ----- -----	Default																		
Eu.SCI-ILS.PDI.449	Req	0x01 active	Default																		
Eu.SCI-ILS.PDI.450	Req	0x02 not active	Default																		
Eu.SCI-ILS.PDI.202	Head	3.5.2 Message "Approach Zone Status"	007000 007400 007800 007900 008000 008200																		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																
			008400 008800 310900																		
Eu.SCI-ILS.PDI.203	Info	With this telegram the sender reports the status of an approach zone. This telegram refines the InformationFlow "Msg_Approach_Zone_Status" specified in the requirements specification (ID Eu.ILS.3961).	007000 007400 007800 007900 008000 008200 008400 008800 310900																		
Eu.SCI-ILS.PDI.204	Info	Telegram definition for message "Approach Zone Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0002 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63..82</td><td>Approach Zone ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>83</td><td>Approach Zone Status (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0002 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63..82	Approach Zone ID (20 Bytes ISO IEC 8859-1:1998)	83	Approach Zone Status (1 Byte binary)	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Byte-Nr.	Content																				
00	Protocol Type: 0x01 (1 Byte binary)																				
01..02	Message Type: 0x0002 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																				
63..82	Approach Zone ID (20 Bytes ISO IEC 8859-1:1998)																				
83	Approach Zone Status (1 Byte binary)																				
Eu.SCI-ILS.PDI.205	Req	Permitted values for message "Approach Zone Status":	007000 007400 007800 007900 008000 008200 008400 008800 310900																		
Eu.SCI-ILS.PDI.206	Req	Message Type The message bytes 1-2 shall be set to 0x0002.	007000 007400 007800 007900 008000 008200 008400 008800 310900																		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.207	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.208	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.465	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.209	Req	Approach Zone ID The message bytes 63-82 shall contain the identifier of the approach zone in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.210	Req	Approach Zone Status The message byte 83 shall contain the status of the activation zone. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.451	Req	0x01 active	007000 007400 007800 007900 008000 008200		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																
			008400 008800 310900																		
Eu.SCI-ILS.PDI.452	Req	0x02 not active	007000 007400 007800 007900 008000 008200 008400 008800 310900																		
Eu.SCI-ILS.PDI.223	Head	3.5.3 Command "Access Restriction Request"	007000 007400 007800 007900 008200 310900																		
Eu.SCI-ILS.PDI.224	Info	With this telegram the sender requests the activation or deactivation of an access restriction to the track section. This telegram refines the InformationFlow "Cd_Access_Restriction_Request" specified in the requirements specification (ID Eu.ILS.3953).	007000 007400 007800 007900 008200 310900																		
Eu.SCI-ILS.PDI.225	Info	Telegram definition for command "Access Restriction Request" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0003 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Access Restriction Request (1 Byte binary)</td></tr><tr><td>64</td><td>Access Restriction Type (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0003 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Access Restriction Request (1 Byte binary)	64	Access Restriction Type (1 Byte binary)	007000 007400 007800 007900 008200 310900	EUILS-317 EUILS-318	a_JIRA_BL4R4: EUILS-317 EUILS-318
Byte-Nr.	Content																				
00	Protocol Type: 0x01 (1 Byte binary)																				
01..02	Message Type: 0x0003 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																				
63	Access Restriction Request (1 Byte binary)																				
64	Access Restriction Type (1 Byte binary)																				
Eu.SCI-ILS.PDI.226	Req	Permitted values for command "Access Restriction Request":	007000 007400 007800 007900 008200 310900																		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.227	Req	Message Type The message bytes 1-2 shall be set to 0x0003.	007000 007400 007800 007900 008200 310900		
Eu.SCI-ILS.PDI.228	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008200 310900		
Eu.SCI-ILS.PDI.229	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008200 310900		
Eu.SCI-ILS.PDI.397	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008200 310900		
Eu.SCI-ILS.PDI.750	Req	Access Restriction Request The message byte 63 shall contain the request, whether the access restriction has to be activated or deactivated: value meaning ----- -----	007000 007400 007800 007900 008200 310900	EUILS-317 EUILS-318	object created after baseline 4.3 (0.A)
Eu.SCI-ILS.PDI.751	Req	0x01 Request to activate access restriction	007000 007400 007800 007900 008200 310900	EUILS-317	object created after baseline 4.3 (0.A)
Eu.SCI-ILS.PDI.752	Req	0x02 Request to deactivate access restriction	007000 007400 007800 007900 008200 310900	EUILS-317	object created after baseline 4.3 (0.A)
Eu.SCI-ILS.PDI.230	Req	Access Restriction Type The message byte 64 shall contain the type of the access restriction. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008200	EUILS-317	Object Text: Access Restriction Type The message byte 63 64 shall contain the type of the access restriction. Permitted values:

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
			310900		value meaning ----- a_JIRA_BL4R4: EUILS-317
Eu.SCI-ILS.PDI.487	Req	0x01 no access	007000 008200		
Eu.SCI-ILS.PDI.488	Req	0x02 work track	007000 008200		
Eu.SCI-ILS.PDI.646	Req	0x03 track out of service	007000 008200		
Eu.SCI-ILS.PDI.647	Req	0x04 emergency train	007000 008200		
Eu.SCI-ILS.PDI.648	Req	0x05 secondary vehicle	007000 008200		
Eu.SCI-ILS.PDI.649	Req	0x06 work team	007000 008200		
Eu.SCI-ILS.PDI.650	Req	0x07 level crossing in degraded operation	007000 008200		
Eu.SCI-ILS.PDI.671	Req	0x08 clearance check required	007000 008200		
Eu.SCI-ILS.PDI.672	Req	0x09 section check required	007000 008200		
Eu.SCI-ILS.PDI.673	Req	0x10 no electric trains	007000 008200		
Eu.SCI-ILS.PDI.674	Req	0x11 extraordinary transport	007000 008200		
Eu.SCI-ILS.PDI.675	Req	0x12 catenary off / pantograph down	007000 008200		
Eu.SCI-ILS.PDI.676	Req	0x13 written order required	007000 008200		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																
Eu.SCI-ILS.PDI.651	Req	0xFF Access restriction type not applicable	007000 007400 007800 007900 008200 310900																		
Eu.SCI-ILS.PDI.618	Head	3.5.4 Message "Access Restriction Status"	007000 007400 007800 007900 008000 008200 310900																		
Eu.SCI-ILS.PDI.619	Info	With this telegram the sender reports the status of an access restriction to the track section. This telegram refines the InformationFlow "Msg_Access_Restriction_Status" specified in the requirements specification (ID Eu.ILS.3959).	007000 007400 007800 007900 008000 008200 310900																		
Eu.SCI-ILS.PDI.620	Info	Telegram definition for message "Access Restriction Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0012 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Access Restriction Activation Status (1 Byte binary)</td></tr><tr><td>64</td><td>Access Restriction Type (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0012 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Access Restriction Activation Status (1 Byte binary)	64	Access Restriction Type (1 Byte binary)	007000 007400 007800 007900 008000 008200 310900		
Byte-Nr.	Content																				
00	Protocol Type: 0x01 (1 Byte binary)																				
01..02	Message Type: 0x0012 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																				
63	Access Restriction Activation Status (1 Byte binary)																				
64	Access Restriction Type (1 Byte binary)																				
Eu.SCI-ILS.PDI.630	Req	Permitted values for message "Access Restriction Status":	007000 007400 007800 007900 008000 008200 310900																		
Eu.SCI-ILS.PDI.631	Req	Message Type The message bytes 1-2 shall be set to 0x0012.	007000 007400 007800 007900 008000 008200 310900																		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.632	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 310900		
Eu.SCI-ILS.PDI.633	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 310900		
Eu.SCI-ILS.PDI.634	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 310900		
Eu.SCI-ILS.PDI.697	Req	Access Restriction Activation Status The message byte 63 shall contain the activation status of the access restriction. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 310900		
Eu.SCI-ILS.PDI.698	Req	0x01 active	007000 007400 007800 007900 008000 008200 310900		
Eu.SCI-ILS.PDI.699	Req	0x02 not active	007000 007400 007800 007900 008000 008200 310900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.635	Req	Access Restriction Type The message byte 64 shall contain the type of the access restriction. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 310900		
Eu.SCI-ILS.PDI.232	Req	0x01 no access	007000 008000 008200		
Eu.SCI-ILS.PDI.233	Req	0x02 work track	007000 008000 008200		
Eu.SCI-ILS.PDI.653	Req	0x03 track out of service	007000 008200		
Eu.SCI-ILS.PDI.654	Req	0x04 emergency train	007000 008200		
Eu.SCI-ILS.PDI.655	Req	0x05 secondary vehicle	007000 008000 008200		
Eu.SCI-ILS.PDI.656	Req	0x06 work team	007000 008000 008200		
Eu.SCI-ILS.PDI.657	Req	0x07 level crossing in degraded operation	007000 008000 008200		
Eu.SCI-ILS.PDI.658	Req	0x08 clearance check required	007000 008000 008200		
Eu.SCI-ILS.PDI.659	Req	0x09 section check required	007000 008000 008200	EUILS-319	a_Applicability_auto: 007000 008000 008200 a_JIRA_BL4R4: EUILS-319
Eu.SCI-ILS.PDI.660	Req	0x10 no electric trains	007000 008200	EUILS-319	a_Applicability_auto: 007000 008200 a_JIRA_BL4R4: EUILS-319

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.661	Req	0x11 extraordinary transport	007000 008000 008200		
Eu.SCI-ILS.PDI.662	Req	0x12 catenary off / pantograph down	007000 008000 008200		
Eu.SCI-ILS.PDI.663	Req	0x13 written order required	007000 008000 008200		
Eu.SCI-ILS.PDI.664	Req	0x14 manual route condition	007000 008000		
Eu.SCI-ILS.PDI.665	Req	0x15 do not use opposite direction	007000 008000		
Eu.SCI-ILS.PDI.666	Req	0x16 use opposite direction	007000 008000		
Eu.SCI-ILS.PDI.667	Req	0x17 no LX remote supervision	007000 008000		
Eu.SCI-ILS.PDI.668	Req	0x18 LX remote supervision timeout	007000 008000		
Eu.SCI-ILS.PDI.669	Req	0xFF access restriction type not applicable	007000 007400 007800 007900 008200 310900		
Eu.SCI-ILS.PDI.234	Head	3.5.5 Message "Line Status"	007000 007400 007800 007900 008000 008200 008400 008800 310900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)														
Eu.SCI-ILS.PDI.247	Info	With this telegram the sender reports the status of the line. This telegram refines the InformationFlow "Msg_Line_Status" specified in the requirements specification (ID Eu.ILS.3965).	007000 007400 007800 007900 008000 008200 008400 008800 310900																
Eu.SCI-ILS.PDI.248	Info	Telegram definition for message "Line Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0004 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Line Status (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0004 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Line Status (1 Byte binary)	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Byte-Nr.	Content																		
00	Protocol Type: 0x01 (1 Byte binary)																		
01..02	Message Type: 0x0004 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																		
63	Line Status (1 Byte binary)																		
Eu.SCI-ILS.PDI.249	Req	Permitted values for message "Line Status":	007000 007400 007800 007900 008000 008200 008400 008800 310900																
Eu.SCI-ILS.PDI.251	Req	Message Type The message bytes 1-2 shall be set to 0x0004.	007000 007400 007800 007900 008000 008200 008400 008800 310900																
Eu.SCI-ILS.PDI.252	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900																
Eu.SCI-ILS.PDI.250	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800																

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
			007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.398	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.253	Req	Line Status The message byte 63 shall contain the status of the line. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.255	Req	0x01 vacant	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.256	Req	0x02 occupied	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.590	Req	0x03 request for line block reset	310900		
Eu.SCI-ILS.PDI.237	Head	3.5.6 Command "Flank Protection Request"	007000 007400 007800 007900 008400 008800		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)														
			310900																
Eu.SCI-ILS.PDI.277	Info	With this telegram the sender requests the provision or cancellation of flank protection. This telegram refines the InformationFlow "Cd_Flank_Protection_Request" specified in the requirements specification (ID Eu.ILS.3954).	007000 007400 007800 007900 008400 008800 310900																
Eu.SCI-ILS.PDI.280	Info	Telegram definition for command "Flank Protection Request" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0005 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Flank Protection Request (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0005 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Flank Protection Request (1 Byte binary)	007000 007400 007800 007900 008400 008800 310900	EUILS-318	a_JIRA_BL4R4: EUILS-318
Byte-Nr.	Content																		
00	Protocol Type: 0x01 (1 Byte binary)																		
01..02	Message Type: 0x0005 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																		
63	Flank Protection Request (1 Byte binary)																		
Eu.SCI-ILS.PDI.281	Req	Permitted values for command "Flank Protection Request":	007000 007400 007800 007900 008400 008800 310900																
Eu.SCI-ILS.PDI.282	Req	Message Type The message bytes 1-2 shall be set to 0x0005.	007000 007400 007800 007900 008400 008800 310900																
Eu.SCI-ILS.PDI.283	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008400 008800 310900																
Eu.SCI-ILS.PDI.446	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008400 008800 310900																

ID	Type	Requirement		Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
		Byte-Nr.	Content	007900 008400 008800 310900		
		00	Protocol Type: 0x01 (1 Byte binary)			
		01..02	Message Type: 0x0013 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)			
		63	Flank Protection Status (1 Byte binary)			
Eu.SCI-ILS.PDI.638	Req	Permitted values for message "Flank Protection Status":		007000 007400 007800 007900 008400 008800 310900		
Eu.SCI-ILS.PDI.639	Req	Message Type The message bytes 1-2 shall be set to 0x0013.		007000 007400 007800 007900 008400 008800 310900		
Eu.SCI-ILS.PDI.640	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.		007000 007400 007800 007900 008400 008800 310900		
Eu.SCI-ILS.PDI.641	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.		007000 007400 007800 007900 008400 008800 310900		
Eu.SCI-ILS.PDI.642	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.		007000 007400 007800 007900 008400 008800 310900		
Eu.SCI-ILS.PDI.643	Req	Flank Protection Status The message byte 63 shall contain the status of the flank protection. Permitted values: value meaning		007000 007400 007800 007900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																		
		-----	008400 008800 310900																				
Eu.SCI-ILS.PDI.286	Req	0x01 provided	007000 007400 007800 007900 008400 008800 310900																				
Eu.SCI-ILS.PDI.287	Req	0x02 not provided	007000 007400 007800 007900 008400 008800 310900																				
Eu.SCI-ILS.PDI.241	Head	3.5.8 Message "Line Direction Control"	007000 007400 007800 007900 008000 008200 008400 008800 310900																				
Eu.SCI-ILS.PDI.319	Info	With this telegram the sender reports the current line direction, requests the line direction "exit" or hands over the line direction "exit". It is also used to enable or disable line block direction and report its status. This telegram refines the InformationFlow "Msg_Line_Direction_Control" specified in the requirements specification (ID Eu.ILS.3962).	007000 007400 007800 007900 008000 008200 008400 008800 310900																				
Eu.SCI-ILS.PDI.320	Info	Telegram definition for message "Line Direction Control" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0006 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Line Direction Control Information (1 Byte binary)</td></tr><tr><td>64</td><td>Line Direction Status (1 Byte binary)</td></tr><tr><td>65..66</td><td>IM Specific Data (2 Bytes binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0006 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Line Direction Control Information (1 Byte binary)	64	Line Direction Status (1 Byte binary)	65..66	IM Specific Data (2 Bytes binary)	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Byte-Nr.	Content																						
00	Protocol Type: 0x01 (1 Byte binary)																						
01..02	Message Type: 0x0006 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																						
63	Line Direction Control Information (1 Byte binary)																						
64	Line Direction Status (1 Byte binary)																						
65..66	IM Specific Data (2 Bytes binary)																						

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.321	Req	Permitted values for message "Line Direction Control":	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.322	Req	Message Type The message bytes 1-2 shall be set to 0x0006.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.323	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.324	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.403	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.325	Req	Line Direction Control Information The message byte 63 shall contain the control information for the line direction. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
			008400 008800 310900		
Eu.SCI-ILS.PDI.327	Req	0x01 no direction	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.328	Req	0x02 entry	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.402	Req	0x03 exit	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.483	Req	0x04 direction request	007000 007400 007800 007900 008000 008400 008800 310900		
Eu.SCI-ILS.PDI.484	Req	0x05 direction handover	007000 007400 007800 007900 008000 008200 008400 008800 310900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.579	Req	0x06 direction handover aborted	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.591	Req	0x07 disable line block direction	007000 008400 310900		
Eu.SCI-ILS.PDI.592	Req	0x08 enable line block direction	007000 008400 310900		
Eu.SCI-ILS.PDI.584	Req	Line Direction Status The message byte 64 shall contain the line direction status. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.585	Req	0x01 released	007000 008400 310900		
Eu.SCI-ILS.PDI.586	Req	0x02 locked	007000 008400 310900		
Eu.SCI-ILS.PDI.593	Req	0x03 line block direction disabled	007000 008400 310900		
Eu.SCI-ILS.PDI.587	Req	0xFF line direction status not applicable	007000 007400 007800 007900 008000 008200 008400 008800 310900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																
Eu.SCI-ILS.PDI.731	Req	IM Specific Data The message bytes 65-66 shall contain IM specific data. Permitted values: value meaning ----- -----	Default																		
Eu.SCI-ILS.PDI.732	Req	0x0001..0xFFFE defined by national specifications	Default	EUILS-315	Object Text: 0x01 0x0001.. 0xFE 0xFFFE defined by national specifications a_JIRA_BL4R4: EUILS-315																
Eu.SCI-ILS.PDI.733	Req	0xFFFF IM specific data not applicable	Default	EUILS-315	Object Text: 0xFF 0xFFFF IM specific data not applicable a_JIRA_BL4R4: EUILS-315																
Eu.SCI-ILS.PDI.243	Head	3.5.9 Command "Route Request"	Default																		
Eu.SCI-ILS.PDI.339	Info	With this telegram the sender requests the initialisation of a secondary route. This telegram refines the InformationFlow "Cd_Route_Request" specified in the requirements specification (ID Eu.ILS.3958).	Default																		
Eu.SCI-ILS.PDI.340	Info	Telegram definition for command "Route Request" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0007 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63..82</td><td>Route ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>83</td><td>Route Type (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0007 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)	83	Route Type (1 Byte binary)	Default		
Byte-Nr.	Content																				
00	Protocol Type: 0x01 (1 Byte binary)																				
01..02	Message Type: 0x0007 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																				
63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)																				
83	Route Type (1 Byte binary)																				
Eu.SCI-ILS.PDI.341	Req	Permitted values for command "Route Request":	Default																		
Eu.SCI-ILS.PDI.342	Req	Message Type The message bytes 1-2 shall be set to 0x0007.	Default																		
Eu.SCI-ILS.PDI.343	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default																		
Eu.SCI-ILS.PDI.344	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default																		
Eu.SCI-ILS.PDI.345	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default																		
Eu.SCI-ILS.PDI.409	Req	Route ID The message bytes 63-82 shall contain the route identifier in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default																		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.293	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default		
Eu.SCI-ILS.PDI.292	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default		
Eu.SCI-ILS.PDI.401	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default		
Eu.SCI-ILS.PDI.400	Req	Route ID The message bytes 63-82 shall contain the route identifier in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default		
Eu.SCI-ILS.PDI.405	Req	Route Type The message byte 83 shall contain the route type. Permitted values: value meaning ----- -----	Default		
Eu.SCI-ILS.PDI.407	Req	0x01 main route	Default		
Eu.SCI-ILS.PDI.408	Req	0x02 shunting route	007000 007400 007600 007800 007900 008000 008800 310900		
Eu.SCI-ILS.PDI.453	Req	0x03 on-sight route	007000 007400 007600 007900 008400 008800 310900		
Eu.SCI-ILS.PDI.543	Req	0x04 SR train route	007400		
Eu.SCI-ILS.PDI.544	Req	0x05 special train route	007400		
Eu.SCI-ILS.PDI.545	Req	0x06 temporary shunting area	007400		
Eu.SCI-ILS.PDI.294	Req	Route Status The message byte 84 shall contain the information of the route status. Permitted values: value meaning ----- -----	Default		
Eu.SCI-ILS.PDI.531	Req	0x01 initiated	Default		
Eu.SCI-ILS.PDI.296	Req	0x02 locked	Default		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																														
Eu.SCI-ILS.PDI.297	Req	0x03no route	Default																																
Eu.SCI-ILS.PDI.744	Req	0x04cancelling	008400																																
Eu.SCI-ILS.PDI.242	Head	3.5.11 Message "Route Monitoring Status"	007000 007400 007800 007900 008000 008200 008400 008800 310900																																
Eu.SCI-ILS.PDI.329	Info	With this telegram the sender reports the status of the route monitoring of a secondary route. This telegram refines the InformationFlow "Msg_Route_Monitoring_Status" specified in the requirements specification (ID Eu.ILS.3967).	007000 007400 007800 007900 008000 008200 008400 008800 310900																																
Eu.SCI-ILS.PDI.330	Info	Telegram definition for message "Route Monitoring Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0009 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63..82</td><td>Route ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>83</td><td>Route Type (1 Byte binary)</td></tr><tr><td>84..103</td><td>Overlap ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>104</td><td>Route Monitoring (1 Byte binary)</td></tr><tr><td>105</td><td>Occupancy Monitoring (1 Byte binary)</td></tr><tr><td>106</td><td>Level Crossing Monitoring (1 Byte binary)</td></tr><tr><td>107</td><td>Entrance Speed (1 Byte binary)</td></tr><tr><td>108</td><td>Target Speed (1 Byte binary)</td></tr><tr><td>109</td><td>Dynamic or Static Target Speed (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0009 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)	83	Route Type (1 Byte binary)	84..103	Overlap ID (20 Bytes ISO IEC 8859-1:1998)	104	Route Monitoring (1 Byte binary)	105	Occupancy Monitoring (1 Byte binary)	106	Level Crossing Monitoring (1 Byte binary)	107	Entrance Speed (1 Byte binary)	108	Target Speed (1 Byte binary)	109	Dynamic or Static Target Speed (1 Byte binary)	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Byte-Nr.	Content																																		
00	Protocol Type: 0x01 (1 Byte binary)																																		
01..02	Message Type: 0x0009 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																																		
63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)																																		
83	Route Type (1 Byte binary)																																		
84..103	Overlap ID (20 Bytes ISO IEC 8859-1:1998)																																		
104	Route Monitoring (1 Byte binary)																																		
105	Occupancy Monitoring (1 Byte binary)																																		
106	Level Crossing Monitoring (1 Byte binary)																																		
107	Entrance Speed (1 Byte binary)																																		
108	Target Speed (1 Byte binary)																																		
109	Dynamic or Static Target Speed (1 Byte binary)																																		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.331	Req	Permitted values for message "Route Monitoring Status":	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.332	Req	Message Type The message bytes 1-2 shall be set to 0x0009.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.333	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.334	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.430	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.415	Req	Route ID The message bytes 63-82 shall contain the route identifier in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
			008400 008800 310900		
Eu.SCI-ILS.PDI.416	Req	Route Type The message byte 83 shall contain the route type. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.418	Req	0x01 main route	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.419	Req	0x02 shunting route	007000 007400 007800 007900 008000 008800 310900		
Eu.SCI-ILS.PDI.546	Req	0x03 on-sight route	007000 007400 007900 008400 008800 310900		
Eu.SCI-ILS.PDI.532	Req	0x04 SR train route	007400		
Eu.SCI-ILS.PDI.533	Req	0x05 special train route	007400		
Eu.SCI-ILS.PDI.534	Req	0x06 temporary shunting area	007400		
Eu.SCI-ILS.PDI.420	Req	Overlap ID The message bytes 84-103 shall contain the identifier of the overlap in ISO IEC 8859-1:1998 format as defined by national requirements. according to section 3.3.	007000 007400 007800 007900 008000 008400 008800 310900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.431	Req	Route Monitoring The message byte 104 shall contain the route monitoring status. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.433	Req	0x01 route monitoring conditions of secondary route present	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.435	Req	0x02 route monitoring conditions of secondary route not present	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.437	Req	0x03 route monitoring conditions of secondary route present up to next block indicator	007000 008000		
Eu.SCI-ILS.PDI.595	Req	0x04 shunting route monitoring conditions of secondary route present	007000 008000		
Eu.SCI-ILS.PDI.566	Req	Occupancy Monitoring The message byte 105 shall contain the occupancy monitoring status. Permitted values: value meaning ----- -----	007000 007400 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.567	Req	0x01 occupation	007000 007400 008400		
Eu.SCI-ILS.PDI.568	Req	0x02 no occupation	007000 007400 008400		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.569	Req	0xFF occupancy monitoring not applicable	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.563	Req	Level Crossing Monitoring The message byte 106 shall contain the level crossing monitoring status. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.564	Req	0x01 level crossing monitoring conditions of secondary route present	007000 007400 007800 007900 008000 008200 008400 008800		
Eu.SCI-ILS.PDI.565	Req	0x02 level crossing monitoring conditions of secondary route not present	007000 007400 007800 007900 008000 008200 008400 008800		
Eu.SCI-ILS.PDI.594	Req	0x03 level crossing monitoring conditions present up to next block indicator	007000 007800 008000		
Eu.SCI-ILS.PDI.570	Req	0xFF level crossing monitoring not applicable	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.421	Req	Entrance Speed The message byte 107 shall contain the entrance speed of the secondary route.	007000 007400 007800		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
			007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.700	Req	0x00..0xFE entrance speed in 5 km/h increments	008400		
Eu.SCI-ILS.PDI.701	Req	0xFF entrance speed not applicable	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.454	Req	Target Speed The message byte 108 shall contain the target speed of the secondary route.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.702	Req	0x00..0xFE target speed in 5 km/h increments	008400		
Eu.SCI-ILS.PDI.703	Req	0xFF target speed not applicable	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.455	Req	Dynamic or Static Target Speed The message byte 109 shall contain the information of the dynamic or static target speed. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.456	Req	0x01 dynamic	008400		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)														
Eu.SCI-ILS.PDI.457	Req	0x02 static	008400																
Eu.SCI-ILS.PDI.571	Req	0xFF dynamic or static target speed not applicable	007000 007400 007800 007900 008000 008200 008400 008800 310900																
Eu.SCI-ILS.PDI.239	Head	3.5.12 Command "Route Cancellation Request"	007000 007400 007800 007900 008000 008200 008400 008800 310900																
Eu.SCI-ILS.PDI.301	Info	With this telegram the sender requests the cancellation of a secondary route request. This telegram refines the InformationFlow "Cd_Route_Cancellation_Request" specified in the requirements specification (ID Eu.ILS.3955).	007000 007400 007800 007900 008000 008200 008400 008800 310900																
Eu.SCI-ILS.PDI.300	Info	Telegram definition for command "Route Cancellation Request" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x000A (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63..82</td><td>Route ID (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x000A (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Byte-Nr.	Content																		
00	Protocol Type: 0x01 (1 Byte binary)																		
01..02	Message Type: 0x000A (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																		
63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)																		
Eu.SCI-ILS.PDI.299	Req	Permitted values for command "Route Cancellation Request":	007000 007400 007800 007900 008000 008200 008400 008800 310900																

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.307	Req	Message Type The message bytes 1-2 shall be set to 0x000A.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.298	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.306	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.303	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.302	Req	Route ID The message bytes 63-82 shall contain the route identifier in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.245	Head	3.5.13 Message "Train Operated Route Release Status"	Default		
Eu.SCI-ILS.PDI.359	Info	With this telegram the sender reports the status of the train operated release of the TVPS section adjacent to the boundary This telegram refines the InformationFlow "Msg_Train_Operated_Route_Release_Status" specified in the requirements specification (ID Eu.ILS.3972).	Default		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)														
Eu.SCI-ILS.PDI.360	Info	Telegram definition for message "Train Operated Route Release Status"	Default																
		<table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x000B (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Train Operated Route Release Status (1 Byte binary)</td></tr></table>				Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x000B (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Train Operated Route Release Status (1 Byte binary)
		Byte-Nr.				Content													
		00				Protocol Type: 0x01 (1 Byte binary)													
		01..02				Message Type: 0x000B (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..62				Boundary ID (20 Bytes ISO IEC 8859-1:1998)													
63	Train Operated Route Release Status (1 Byte binary)																		
Eu.SCI-ILS.PDI.361	Req	Permitted values for message "Train Operated Route Release Status":	Default																
Eu.SCI-ILS.PDI.362	Req	Message Type The message bytes 1-2 shall be set to 0x000B.	Default																
Eu.SCI-ILS.PDI.363	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default																
Eu.SCI-ILS.PDI.364	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	Default																
Eu.SCI-ILS.PDI.394	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default																
Eu.SCI-ILS.PDI.365	Req	Train Operated Route Release Status The message byte 63 shall contain the information for the status of the train operated release. Permitted values: <table><tr><td>value</td><td>meaning</td></tr><tr><td>-----</td><td>-----</td></tr></table>	value	meaning	-----	-----	Default												
value	meaning																		
-----	-----																		
Eu.SCI-ILS.PDI.367	Req	0x01 TVPS adjacent to the boundary is in a correct occupancy sequence	Default																
Eu.SCI-ILS.PDI.391	Req	0x02 TVPS adjacent to the boundary is released by train	Default																
Eu.SCI-ILS.PDI.393	Req	0x03 TVPS adjacent to the boundary is not in a correct occupancy sequence and not released by train	Default																
Eu.SCI-ILS.PDI.244	Head	3.5.14 Message "Signal Status"	007000 007400 007800 007900 008000 008200 008400 008800 310900																

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																												
Eu.SCI-ILS.PDI.349	Info	With this telegram the sender reports the status of a signal. This telegram refines the InformationFlow "Msg_Signal_Status" specified in the requirements specification (ID Eu.ILS.3971).	007000 007400 007800 007900 008000 008200 008400 008800 310900																														
Eu.SCI-ILS.PDI.350	Info	Telegram definition for message "Signal Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x000C (2 Byte binary)</td></tr><tr><td>03..22</td><td>Sender Identifier (20 Byte ISO IEC 8859-1:1998)</td></tr><tr><td>23..42</td><td>Receiver Identifier (20 Byte ISO IEC 8859-1:1998)</td></tr><tr><td>43..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Basic aspect type (1 Byte binary)</td></tr><tr><td>64</td><td>Extension of basic aspect type (1 Byte binary)</td></tr><tr><td>65</td><td>Speed indicator (1 Byte binary)</td></tr><tr><td>66</td><td>Speed announcement (1 Byte binary)</td></tr><tr><td>67</td><td>Direction indicator (1 Byte binary)</td></tr><tr><td>68</td><td>Direction announcement (1 Byte binary)</td></tr><tr><td>69</td><td>Intentionally Dark (1 Byte binary)</td></tr><tr><td>70..78</td><td>Specified By National Requirements (9 Bytes binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x000C (2 Byte binary)	03..22	Sender Identifier (20 Byte ISO IEC 8859-1:1998)	23..42	Receiver Identifier (20 Byte ISO IEC 8859-1:1998)	43..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Basic aspect type (1 Byte binary)	64	Extension of basic aspect type (1 Byte binary)	65	Speed indicator (1 Byte binary)	66	Speed announcement (1 Byte binary)	67	Direction indicator (1 Byte binary)	68	Direction announcement (1 Byte binary)	69	Intentionally Dark (1 Byte binary)	70..78	Specified By National Requirements (9 Bytes binary)	007000 007400 007800 007900 008000 008200 008400 008800 310900	EUILS-308	a_JIRA_BL4R4: EUILS-308
Byte-Nr.	Content																																
00	Protocol Type: 0x01 (1 Byte binary)																																
01..02	Message Type: 0x000C (2 Byte binary)																																
03..22	Sender Identifier (20 Byte ISO IEC 8859-1:1998)																																
23..42	Receiver Identifier (20 Byte ISO IEC 8859-1:1998)																																
43..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																																
63	Basic aspect type (1 Byte binary)																																
64	Extension of basic aspect type (1 Byte binary)																																
65	Speed indicator (1 Byte binary)																																
66	Speed announcement (1 Byte binary)																																
67	Direction indicator (1 Byte binary)																																
68	Direction announcement (1 Byte binary)																																
69	Intentionally Dark (1 Byte binary)																																
70..78	Specified By National Requirements (9 Bytes binary)																																
Eu.SCI-ILS.PDI.351	Req	Permitted values for message "Signal Status":	007000 007400 007800 007900 008000 008200 008400 008800 310900																														
Eu.SCI-ILS.PDI.352	Req	Message Type The message bytes 1-2 shall be set to 0x000C.	007000 007400 007800 007900 008000 008200 008400 008800 310900																														
Eu.SCI-ILS.PDI.353	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800																														

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
			007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.354	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.395	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.388	Req	Basic aspect type The message byte 63 shall contain the information of the lamp combinations for the basic aspect types, including main, distant and shunting aspects (see [Eu.Doc.37]).	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.355	Req	Extension of basic aspect type The message byte 64 shall contain the information of the lamp combinations for the extension of the basic aspects, such as indication of route to opposite track or route without an overlap (see [Eu.Doc.37]).	007000 007400 007800 007900 008000 008400 008800 310900		
Eu.SCI-ILS.PDI.356	Req	Speed indicator The message byte 65 shall contain the information of a speed indicator (see [Eu.Doc.37]).	007000 007400 007800 007900 008000 008400 008800 310900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.357	Req	Speed announcement The message byte 66 shall contain the information of a speed indicator announcement (see [Eu.Doc.37]).	007000 007400 007800 007900 008000 008400 008800 310900		
Eu.SCI-ILS.PDI.358	Req	Direction indicator The message byte 67 shall contain the information of a direction indicator (see [Eu.Doc.37]).	007000 007400 007800 007900 008000 008400 008800 310900		
Eu.SCI-ILS.PDI.389	Req	Direction announcement The message byte 68 shall contain the information of a direction indicator announcement (see [Eu.Doc.37]).	007000 007400 007800 007900 008000 008400 008800 310900		
Eu.SCI-ILS.PDI.598	Req	Intentionally Dark The message byte 69 shall contain the information of a intentionally dark signal aspect. Permitted values: value meaning ----- -----	007000 007400 007800 007900 008000 008200 008400 008800 310900		
Eu.SCI-ILS.PDI.599	Req	0x01 the commanded signal aspect is indicated in the set luminosity	007000 008000		
Eu.SCI-ILS.PDI.600	Req	0x0F the commanded signal aspect is indicated dark	007000 008000		
Eu.SCI-ILS.PDI.601	Req	0xFF intentionally dark not applicable	007000 007400 007800 007900 008000 008200 008400 008800 310900		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.753	Req	Specified By National Requirements The message bytes 70 to 78 shall contain national specified requirements. Permitted values for each byte: value meaning ----- ----- <			

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.390	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	Default		
Eu.SCI-ILS.PDI.375	Req	Occupancy Status The message byte 63 shall contain the occupancy status. Permitted values: <div> <div>value</div> <div>meaning</div> <div>-----</div> <div>-----</div> </div>	Default		
Eu.SCI-ILS.PDI.377	Req	0x01 vacant	Default		
Eu.SCI-ILS.PDI.378	Req	0x02 occupied	Default		
Eu.SCI-ILS.PDI.380	Req	0x03 disturbed	Default		
Eu.SCI-ILS.PDI.708	Req	0x04 waiting for a sweeping train after FC-P-A or FC-P command	008400		
Eu.SCI-ILS.PDI.709	Req	0x05 waiting for an acknowledgment after FC-P-A command	008400		
Eu.SCI-ILS.PDI.710	Req	0x06 sweeping train detected	008400		
Eu.SCI-ILS.PDI.597	Req	Fouling Status The message byte 64 shall contain the fouling status. Permitted values: <div> <div>value</div> <div>meaning</div> <div>-----</div> <div>-----</div> </div>	Default		
Eu.SCI-ILS.PDI.596	Req	0x01 fouling	007000 008400 310900		
Eu.SCI-ILS.PDI.608	Req	0x02 not fouling	007000 008400 310900		
Eu.SCI-ILS.PDI.607	Req	0xFF fouling status not applicable	Default		
Eu.SCI-ILS.PDI.489	Head	3.5.16 Message "Opposite Main Signal Status"	007000 007800 007900 008800 310900		
Eu.SCI-ILS.PDI.490	Info	With this telegram the sender reports that its station main signals which are facing to the line and boundary indicate the stop aspect. This telegram refines the InformationFlow "Msg_Opposite_Main_Signal_Status" specified in the requirements specification (ID Eu.ILS.3966).	007000 007800 007900 008800 310900		
Eu.SCI-ILS.PDI.491	Info	Telegram definition for message "Opposite Main Signal Status"	007000 007800 007900 008800 310900		

ID	Type	Requirement		Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)												
		<table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x000E (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x000E (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)				
Byte-Nr.	Content																	
00	Protocol Type: 0x01 (1 Byte binary)																	
01..02	Message Type: 0x000E (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																	
Eu.SCI-ILS.PDI.492	Req	Permitted values for message "Opposite Main Signal Status":		007000 007800 007900 008800 310900														
Eu.SCI-ILS.PDI.493	Req	Message Type The message bytes 1-2 shall be set to 0x000E.		007000 007800 007900 008800 310900														
Eu.SCI-ILS.PDI.494	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.		007000 007800 007900 008800 310900														
Eu.SCI-ILS.PDI.495	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.		007000 007800 007900 008800 310900														
Eu.SCI-ILS.PDI.496	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.		007000 007800 007900 008800 310900														
Eu.SCI-ILS.PDI.499	Head	3.5.17 Command "Route Pretest Request"		007000 007400														
Eu.SCI-ILS.PDI.500	Info	With this telegram the sender requests a pretest of a secondary route. This telegram refines the InformationFlow "Cd_Route_Pretest_Request" specified in the requirements specification (ID Eu.ILS.3956).		007000 007400														
Eu.SCI-ILS.PDI.501	Info	Telegram definition for command "Route Pretest Request"		007000 007400														

ID	Type	Requirement		Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
		Byte-Nr.	Content			
		00	Protocol Type: 0x01 (1 Byte binary)			
		01..02	Message Type: 0x000F (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)			
		63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)			
		83	Route Type (1 Byte binary)			
Eu.SCI-ILS.PDI.502	Req	Permitted values for command "Route Pretest Request":		007000 007400		
Eu.SCI-ILS.PDI.503	Req	Message Type The message bytes 1-2 shall be set to 0x000F.		007000 007400		
Eu.SCI-ILS.PDI.504	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.		007000 007400		
Eu.SCI-ILS.PDI.505	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.		007000 007400		
Eu.SCI-ILS.PDI.506	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.		007000 007400		
Eu.SCI-ILS.PDI.535	Req	Route ID The message bytes 63-82 shall contain the route identifier in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.		007000 007400		
Eu.SCI-ILS.PDI.536	Req	Route Type The message byte 83 shall contain the route type. Permitted values: value meaning ----- -----		007000 007400		
Eu.SCI-ILS.PDI.537	Req	0x01	main route	007000 007400		
Eu.SCI-ILS.PDI.538	Req	0x02	shunting route	007000 007400		
Eu.SCI-ILS.PDI.539	Req	0x03	on-sight route	007000 007400		
Eu.SCI-ILS.PDI.547	Req	0x04	SR train route	007000 007400		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																				
Eu.SCI-ILS.PDI.548	Req	0x05 special train route	007000 007400																						
Eu.SCI-ILS.PDI.549	Req	0x06 temporary shunting area	007000 007400																						
Eu.SCI-ILS.PDI.507	Head	3.5.18 Message "Route Pretest Status"	007000 007400																						
Eu.SCI-ILS.PDI.508	Info	With this telegram the sender reports the status of a secondary route pretest. This telegram refines the InformationFlow "Msg_Route_Pretest_Status" specified in the requirements specification (ID Eu.ILS.3968).	007000 007400																						
Eu.SCI-ILS.PDI.509	Info	Telegram definition for message "Route Pretest Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0010 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63..82</td><td>Route ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>83</td><td>Route Type (1 Byte binary)</td></tr><tr><td>84</td><td>Route Status (1 Byte binary)</td></tr><tr><td>85</td><td>Pretest Response (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0010 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)	83	Route Type (1 Byte binary)	84	Route Status (1 Byte binary)	85	Pretest Response (1 Byte binary)	007000 007400		
Byte-Nr.	Content																								
00	Protocol Type: 0x01 (1 Byte binary)																								
01..02	Message Type: 0x0010 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																								
63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)																								
83	Route Type (1 Byte binary)																								
84	Route Status (1 Byte binary)																								
85	Pretest Response (1 Byte binary)																								
Eu.SCI-ILS.PDI.510	Req	Permitted values for message "Route Pretest Status":	007000 007400																						
Eu.SCI-ILS.PDI.511	Req	Message Type The message bytes 1-2 shall be set to 0x0010.	007000 007400																						
Eu.SCI-ILS.PDI.512	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400																						
Eu.SCI-ILS.PDI.513	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007000 007400																						
Eu.SCI-ILS.PDI.514	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400																						
Eu.SCI-ILS.PDI.550	Req	Route ID The message bytes 63-82 shall contain the route identifier in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007000 007400																						

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.551	Req	Route Type The message byte 83 shall contain the route type. Permitted values: value meaning ----- -----	007000 007400		
Eu.SCI-ILS.PDI.552	Req	0x01 main route	007000 007400		
Eu.SCI-ILS.PDI.553	Req	0x02 shunting route	007000 007400		
Eu.SCI-ILS.PDI.554	Req	0x03 on-sight route	007000 007400		
Eu.SCI-ILS.PDI.555	Req	0x04 SR train route	007000 007400		
Eu.SCI-ILS.PDI.556	Req	0x05 special train route	007000 007400		
Eu.SCI-ILS.PDI.557	Req	0x06 temporary shunting area	007000 007400		
Eu.SCI-ILS.PDI.572	Req	Route Status The message byte 84 shall contain the information of the route status. Permitted values: value meaning ----- -----	007000 007400		
Eu.SCI-ILS.PDI.576	Req	0x01 initiated	007000 007400		
Eu.SCI-ILS.PDI.577	Req	0x02 locked	007000 007400		
Eu.SCI-ILS.PDI.578	Req	0x03 no route	007000 007400		
Eu.SCI-ILS.PDI.558	Req	Pretest Response The message byte 85 shall contain the pretest response. Permitted values: value meaning ----- -----	007000 007400		
Eu.SCI-ILS.PDI.559	Req	0x01 possible and vacant	007000 007400		
Eu.SCI-ILS.PDI.560	Req	0x02 possible and occupied	007000 007400		

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)												
Eu.SCI-ILS.PDI.561	Req	0x03 queue	007000 007400														
Eu.SCI-ILS.PDI.562	Req	0x04 rejected	007000 007400														
Eu.SCI-ILS.PDI.515	Head	3.5.19 Command "Route Release Inhibition Activation Request"	007400														
Eu.SCI-ILS.PDI.516	Info	With this telegram the sender requests the activation of the inhibited route release. This telegram refines the InformationFlow "Cd_Route_Release_Inhibition_Activation_Request" specified in the requirements specification (ID Eu.ILS.3957).	007400														
Eu.SCI-ILS.PDI.517	Info	Telegram definition for command "Route Release Inhibition Activation Request" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0011 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0011 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	007400		
Byte-Nr.	Content																
00	Protocol Type: 0x01 (1 Byte binary)																
01..02	Message Type: 0x0011 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																
Eu.SCI-ILS.PDI.518	Req	Permitted values for command "Route Release Inhibition Activation Request":	007400														
Eu.SCI-ILS.PDI.519	Req	Message Type The message bytes 1-2 shall be set to 0x0011.	007400														
Eu.SCI-ILS.PDI.520	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007400														
Eu.SCI-ILS.PDI.521	Req	Receiver Identifier The message bytes 23-42 shall contain the identifier of the receiver according to ID SCI-ILS.PDI.59 in ISO IEC 8859-1:1998 format.	007400														
Eu.SCI-ILS.PDI.522	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007400														
Eu.SCI-ILS.PDI.614	Head	3.5.20 Message "Route Release Inhibition Status"	007400														
Eu.SCI-ILS.PDI.615	Info	With this telegram the sender reports the status of the inhibited route release. This telegram refines the InformationFlow "Msg_Route_Release_Inhibition_Status" specified in the requirements specification (ID Eu.ILS.3969).	007400														
Eu.SCI-ILS.PDI.622	Info	Telegram definition for message "Route Release Inhibition Status"	007400														

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)														
		<table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0014 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>Route Release Inhibition Status (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0014 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	Route Release Inhibition Status (1 Byte binary)			
Byte-Nr.	Content																		
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03..22	Sender Identifier (20 Bytes ISO IEC 8859-1:1998)																		
23..42	Receiver Identifier (20 Bytes ISO IEC 8859-1:1998)																		
43..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																		
63	Route Release Inhibition Status (1 Byte binary)																		
Eu.SCI-ILS.PDI.623	Req	Permitted values for message "Route Release Inhibition Status":	007400																
Eu.SCI-ILS.PDI.624	Req	Message Type The message bytes 1-2 shall be set to 0x0014.	007400																
Eu.SCI-ILS.PDI.625	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	007400																
Eu.SCI-ILS.PDI.626	Req	Receiver Identifier The message bytes 23-42 shall contain the identifier of the receiver according to ID SCI-ILS.PDI.59 in ISO IEC 8859-1:1998 format.	007400																
Eu.SCI-ILS.PDI.627	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	007400																
Eu.SCI-ILS.PDI.628	Req	Route Release Inhibition Status The message byte 63 shall contain the status of the inhibited route release. Permitted values: value meaning ----- -----	007400																
Eu.SCI-ILS.PDI.575	Req	0x01 activated	007400																
Eu.SCI-ILS.PDI.652	Req	0x02 deactivated	007400																
Eu.SCI-ILS.PDI.737	Head	3.5.21 Command "Abort Route Cancellation Request"	008400																
Eu.SCI-ILS.PDI.735	Info	With this telegram the sender requests the abortion of a route cancellation. This telegram refines the InformationFlow "Cd_Abort_Route_Cancellation_Request" specified in the requirements specification (ID Eu.ILS.4914).	008400																

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)																
Eu.SCI-ILS.PDI.736	Info	Telegram definition for command "Abort Route Cancellation Request" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0016 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63..82</td><td>Route ID (20 Bytes ISO IEC 8859-1:1998)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0016 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)	008400				
Byte-Nr.	Content																				
00	Protocol Type: 0x01 (1 Byte binary)																				
01..02	Message Type: 0x0016 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)																				
63..82	Route ID (20 Bytes ISO IEC 8859-1:1998)																				
Eu.SCI-ILS.PDI.738	Req	Permitted values for message "Abort Route Cancellation Request":	008400																		
Eu.SCI-ILS.PDI.739	Req	Message Type The message bytes 1-2 shall be set to 0x0016.	008400																		
Eu.SCI-ILS.PDI.740	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	008400																		
Eu.SCI-ILS.PDI.741	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	008400																		
Eu.SCI-ILS.PDI.742	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	008400																		
Eu.SCI-ILS.PDI.743	Req	Route ID The message bytes 63-82 shall contain the route identifier in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	008400																		
Eu.SCI-ILS.PDI.712	Head	3.5.22 Message "TDP Status"	008400																		
Eu.SCI-ILS.PDI.713	Info	With this telegram the sender reports the status of a TDP related to the boundary. This telegram refines the InformationFlow "Msg_TDP_Status" specified in the requirements specification (ID Eu.ILS.4252).	008400																		
Eu.SCI-ILS.PDI.714	Info	Telegram definition for message "TDP Status" <table><tr><th>Byte-Nr.</th><th>Content</th></tr><tr><td>00</td><td>Protocol Type: 0x01 (1 Byte binary)</td></tr><tr><td>01..02</td><td>Message Type: 0x0015 (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..62</td><td>Boundary ID (20 Bytes ISO IEC 8859-1:1998)</td></tr><tr><td>63</td><td>State of passing (1 Byte binary)</td></tr><tr><td>64</td><td>Direction of passing (1 Byte binary)</td></tr></table>	Byte-Nr.	Content	00	Protocol Type: 0x01 (1 Byte binary)	01..02	Message Type: 0x0015 (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..62	Boundary ID (20 Bytes ISO IEC 8859-1:1998)	63	State of passing (1 Byte binary)	64	Direction of passing (1 Byte binary)	008400		
Byte-Nr.	Content																				
00	Protocol Type: 0x01 (1 Byte binary)																				
01..02	Message Type: 0x0015 (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)																				
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63	State of passing (1 Byte binary)																				
64	Direction of passing (1 Byte binary)																				

ID	Type	Requirement	Appl.	JIRA	V 4.4 (1.A) > V 4.3 (0.A)
Eu.SCI-ILS.PDI.715	Req	Permitted values for message "TDP Status":	008400		
Eu.SCI-ILS.PDI.716	Req	Message Type The message bytes 1-2 shall be set to 0x0015.	008400		
Eu.SCI-ILS.PDI.717	Req	Sender Identifier The message bytes 3-22 shall contain the technical identifier of the sender according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	008400		
Eu.SCI-ILS.PDI.718	Req	Receiver Identifier The message bytes 23-42 shall contain the technical identifier of the receiver according to ID SCI-XX.PDI.59 in ISO IEC 8859-1:1998 format.	008400		
Eu.SCI-ILS.PDI.719	Req	Boundary ID The message bytes 43-62 shall contain the identifier of the boundary in ISO IEC 8859-1:1998 format as defined by national requirements according to section 3.3.	008400		
Eu.SCI-ILS.PDI.720	Req	State of passing The message byte 63 shall contain the state of passing. The following values are permitted: value meaning ----- -----	008400		
Eu.SCI-ILS.PDI.721	Req	0x01 not passed	008400		
Eu.SCI-ILS.PDI.722	Req	0x02 passed	008400		
Eu.SCI-ILS.PDI.723	Req	0x03 disturbed	008400		
Eu.SCI-ILS.PDI.727	Req	Direction of passing The message byte 64 shall contain the direction of passing status. The following values are permitted: value meaning ----- -----	008400		
Eu.SCI-ILS.PDI.728	Req	0x01 reference direction	008400		
Eu.SCI-ILS.PDI.729	Req	0x02 against reference direction	008400		
Eu.SCI-ILS.PDI.730	Req	0x03 without indicated direction	008400		