# Logical Link Control and Adaptation Protocol (L2CAP)

Bluetooth® Implementation Conformance Statement (ICS) Proforma

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Prepared By: BTI

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# 1 General principles

## 1.1 Implementation Under Test (IUT) identification

Using the Bluetooth SIG qualification tool, the implementer is expected to declare details about what will be implemented.



## 2 ICS declarations

## 2.1 L2CAP Host Configuration

Table 0: No longer used

Table 0a: L2CAP Host Configuration

Item	Capability	Reference	Status
1	L2CAP BR/EDR Host	[1] 1.1 [6] 1.1	C.1, C.3
2	L2CAP LE Host	[6] 1.1	C.2, C.3

- C.1: Mandatory IF CORE 20/2 "BR/EDR Host Layers", otherwise Optional.
- C.2: Mandatory IF CORE 20/4 "LE Host Layers", otherwise Optional.
- C.3: Mandatory to support at least one.

Note: An L2CAP BR/EDR/LE Host will need to select L2CAP 0a/1 and L2CAP 0a/2.

## 2.2 Capability statement

#### 2.2.1 Roles

**Table 1: Role Requirements** 

Item	Capability	Reference	Status
1	Data Channel Initiator	[1] 2	C.3
2	Data Channel Acceptor	[1] 2	C.1
3	LE Central	[4] 2	C.2
4	LE Peripheral	[4] 2	C.2
5	LE Data Channel Initiator	[5] 3.4	C.4
6	LE Data Channel Acceptor	[5] 3.4	C.5

- C.1: Mandatory IF L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.
- C.2: Mandatory to support at least one IF L2CAP 0a/2 "L2CAP LE Host", otherwise Excluded.
- C.3: Optional IF L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.
- C.4: Optional IF L2CAP 0a/2 "L2CAP LE Host" AND L2CAP 2/46 "LE Credit Based Flow Control Mode", otherwise Excluded.
- C.5: Mandatory IF L2CAP 0a/2 "L2CAP LE Host" AND L2CAP 2/46 "LE Credit Based Flow Control Mode", otherwise Excluded.

#### 2.2.2 General operation

**Table 2: General Operation** 

Item	Capability	Reference	Status
1	L2CAP Signaling channel over BR/EDR	[1] 2.2	C.16
2	Configuration process [1] 7.1 C.		
3	Connection-oriented data channel over BR/EDR	[1] 2.2	C.16
4	Send echo request	[1] 4.8	C.17
5	Send echo response [1] 4.9		C.16
6	Send information request	[1] 4.10	C.11



Item	Capability	Reference	Status		
7	Send information response	[1] 4.11	C.16		
8	No longer used	N/A	N/A		
9	Connectionless channel packet	[1] 3.2	C.17		
10	Retransmission mode	[1] 8.4	C.17		
11	Flow Control mode	[1] 8.5	C.11		
12	Enhanced Retransmission Mode	[2] 8.6	C.11		
13	Streaming Mode	[2] 8.7	0		
14	FCS Option	[2] 5.5	C.1		
14a	Don't send FCS option in L2CAP_CONFIGURATION_REQ	[2] 5.5	C.30		
14b	Send FCS option 0x00 in L2CAP_CONFIGURATION_REQ	[2] 5.5	C.31		
14c	Send FCS option 0x01 in L2CAP_CONFIGURATION_REQ	[2] 5.5	C.31		
15	Generate Local Busy Condition	[2] 8.6.4.3	C.2		
16	Send Reject	[2] 8.6.1.2	C.2		
17	Send Selective Reject	[2] 8.6.1.3	C.2		
18	Mandatory use of ERTM	[2] 8.6	C.3		
19	Mandatory use of Streaming Mode	[2] 8.7	C.4		
20	Optional use of ERTM	[2] 8.6	C.3		
21	Optional use of Streaming Mode	[2] 8.7	C.4		
22	Send data using SAR in ERTM	[2] 3.3.2	C.5		
23	Send data using SAR in Streaming Mode [2] 3.3.2		C.6		
24	Actively request Basic Mode for a PSM that supports the use of ERTM or Streaming Mode [2] 5.4		C.1		
25	Performing L2CAP channel mode configuration fallback from Streaming Mode to ERTM [2] 5.4		C.8		
26	Sending more than one unacknowledged I-Frame when operating in ERTM [2] 8.6.5		C.5		
27	Sending more than three unacknowledged I-Frame when operating in ERTM	[2] 8.6.5	C.5		
28	Peer TxWindow configuration greater than 1	[2] 5.4	C.5		
29	AMP	[3] 9	C.24		
30	Information request for fixed channels	[3] 4.10, 4.13	C.9		
31	AMP Manager	[3] 2.1	C.18		
32	ERTM over AMP	[3] 9	C.25		
33	Streaming Mode Source over AMP	[3] 3.3, 8.7	C.12		
34	Streaming Mode Sink over AMP	[3] 3.3, 8.7	C.12		
35	Unicast Connectionless Data, Reception	[3] 3.3, 7.6	0		
36	Ability to transmit an unencrypted packet over a Unicast connectionless L2CAP channel		0		
37			0		
38	Extended Flow Specification for BR/EDR	[3] 7.10	C.1		
39	Extended Window Size	[1] 5.7	C.1		
	1 1113				



Item	Capability	Reference	Status
40	L2CAP LE Signaling channel	[4] 2.1, 2.2	C.13
41	Command reject	[4] 4.10	C.29
42	Send Connection Parameter Update Request	[4] 4.20	C.14
43	Send Connection Parameter Update Response	[4] 4.21	C.15
44	Extended Flow Specification for AMP	[3] 5.6	C.18
45	Send Disconnect Request Command	[1] 4.6	C.21
45a	Send Disconnect Request Command – LE	[5] 4.6	C.22
46	LE Credit Based Flow Control Mode	[5] 3.4	C.19
47	LE Data Channel	[1] 3.4	C.20
48	Enhanced Credit Based Flow Control Mode	[7] 3.4	C.23
48a	Enhanced Credit Based Flow Control Mode – BR/EDR	[7] 3.4	C.26
48b	Enhanced Credit Based Flow Control Mode – LE	[7] 3.4	C.27
49	Support pending result in L2CAP_CREDIT_BASED_CONNECTION_RSP	[1] 4.26	C.28

- C.1: Optional IF L2CAP 2/12 "Enhanced Retransmission Mode" OR L2CAP 2/13 "Streaming Mode", otherwise Excluded.
- C.2: Optional IF L2CAP 2/12 "Enhanced Retransmission Mode" AND L2CAP 2/28 "Peer TxWindow configuration greater than 1", otherwise Excluded.
- C.3: Mandatory to support at least one IF L2CAP 2/12 "Enhanced Retransmission Mode", otherwise Excluded.
- C.4: Mandatory to support at least one IF L2CAP 2/13 "Streaming Mode", otherwise Excluded.
- C.5: Optional IF L2CAP 2/12 "Enhanced Retransmission Mode", otherwise Excluded.
- C.6: Optional IF L2CAP 2/13 "Streaming Mode", otherwise Excluded.
- C.7: No longer used.
- C.8: Mandatory IF L2CAP 2/12 "Enhanced Retransmission Mode" AND L2CAP 2/13 "Streaming Mode" AND L2CAP 2/21 "Optional use of Streaming Mode", otherwise Excluded.
- C.9: Mandatory IF L2CAP 2/29 "AMP", otherwise Optional IF L2CAP 2/6 "Send information request", otherwise Excluded.
- C.10: No longer used.
- C.11: Mandatory IF L2CAP 2/29 "AMP", otherwise Optional IF L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.
- C.12: Optional IF L2CAP 2/29 "AMP", otherwise Excluded.
- C.13: Mandatory IF L2CAP 0a/2 "L2CAP LE Host", otherwise Excluded.
- C.14: Optional IF L2CAP 1/4 "LE Peripheral", otherwise Excluded.
- C.15: Mandatory IF L2CAP 1/3 "LE Central", otherwise Excluded.
- C.16: Mandatory IF L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.
- C.17: Optional IF L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.
- C.18: Mandatory IF L2CAP 2/29 "AMP", otherwise Excluded.
- C.19: Optional IF L2CAP 0a/2 "L2CAP LE Host", otherwise Excluded.
- C.20: Mandatory IF L2CAP 2/46 "LE Credit Based Flow Control Mode", otherwise Excluded.
- C.21: Optional IF L2CAP 2/1 "L2CAP Signaling channel over BR/EDR", otherwise Excluded.
- C.22: Optional IF L2CAP 2/40 "L2CAP LE Signaling channel" AND L2CAP 2/46 "LE Credit Based Flow Control Mode", otherwise Excluded.
- C.23: Optional IF CORE 2a/52 "Host Core v5.2 or later", otherwise Excluded.
- C.24: Mandatory IF CORE 11/20 "AMP Manager Protocol (A2MP)", otherwise Excluded.
- C.25: Optional IF L2CAP 2/12 "Enhanced Retransmission Mode" AND L2CAP 2/29 "AMP", otherwise Excluded.
- C.26: Optional IF L2CAP 2/48 "Enhanced Credit Based Flow Control Mode" AND L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.



- C.27: Optional IF L2CAP 2/48 "Enhanced Credit Based Flow Control Mode" AND L2CAP 0a/2 "L2CAP LE Host", otherwise Excluded.
- C.28: Mandatory IF CORE 2a/53 "Host Core v5.3 or later" AND L2CAP 2/48 "Enhanced Credit Based Flow Control Mode", otherwise Optional IF L2CAP 2/48 "Enhanced Credit Based Flow Control Mode", otherwise Excluded.
- C.29: Mandatory IF L2CAP 2/1 "L2CAP Signaling channel over BR/EDR" OR L2CAP 2/40 "L2CAP LE Signaling channel", otherwise Excluded.
- C.30: Optional IF L2CAP 2/14 "FCS Option", otherwise Excluded.
- C.31: Mandatory to support at least one IF L2CAP 2/14 "FCS Option", otherwise Excluded.

**Table 3: Configurable Parameters** 

Item	Capability	Reference	Status	
1	RTX timer	[1] 6.2.1	M	
2	ERTX timer	[1] 6.2.2	C.4	
3	Minimum MTU size of 48 octets	[1] 5.1	C.4	
4	MTU size larger than 48 octets	[1] 5.1	C.5	
5	Flush timeout value for reliable channel	[1] 5.2	C.4	
6	Flush timeout value for unreliable channel	[1] 5.2	C.5	
7	Bi-directional quality of service (QoS) option field	[1] 5.3	C.1	
8	Negotiate QoS service type [1] 5.3 C.5			
9	Negotiate and support service type 'No traffic' [1] 5.3		C.2	
10	Negotiate and support service type 'Best effort' [1] 5.3 C.3		C.3	
11	Negotiate and support service type 'Guaranteed' [1] 5.3 C.2		C.2	
12	Minimum MTU size of 23 octets [4] 5.1 C.6		C.6	
13	Negotiate and support service type 'No traffic' for Extended [3] 5.6 C.7 Flow Specification		C.7	
14	Negotiate and support service type 'Best Effort' for Extended [3] 5.6 C.8 Flow Specification		C.8	
15	Negotiate and support service type 'Guaranteed' for Extended [3] 5.6 C.7 Flow Specification.		C.7	
16	Support Multiple Simultaneous LE Data Channels	[5] 3.4	C.10	

- C.1: Mandatory IF L2CAP 3/8 "Negotiate QoS service type", otherwise Optional.
- C.2: Optional IF L2CAP 3/8 "Negotiate QoS service type", otherwise Excluded.
- C.3: Mandatory IF L2CAP 3/8 "Negotiate QoS service type", otherwise Excluded.
- C.4: Mandatory IF L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.
- C.5: Optional IF L2CAP 0a/1 "L2CAP BR/EDR Host", otherwise Excluded.
- C.6: Mandatory IF L2CAP 0a/2 "L2CAP LE Host", otherwise Excluded.
- C.7: Optional IF L2CAP 2/44 "Extended Flow Specification for AMP" OR L2CAP 2/38 "Extended Flow Specification for BR/EDR", otherwise Excluded.
- C.8: Mandatory IF L2CAP 2/44 "Extended Flow Specification for AMP" OR L2CAP 2/38 "Extended Flow Specification for BR/EDR", otherwise Excluded.
- C.9: No longer used.
- C.10: Optional IF L2CAP 2/47 "LE Data Channel", otherwise Excluded.



#### **Table 4: Security Aspects (LE)**

Prerequisite: L2CAP 0a/2 "L2CAP LE Host"

Item	Capability	Reference	Status
1	Detect insufficient authentication	[1] 10.1, 10.2	0
2	Detect insufficient authorization	[1] 10.1, 10.2	0
3	Detect insufficient encryption	[1] 10.1, 10.2	0

## Table 5: Security Aspects (BR/EDR)

Prerequisite: L2CAP 0a/1 "L2CAP BR/EDR Host"

Item	Capability	Reference	Status
1	Detect insufficient authentication	[1] 10.1, 10.2	0
2	Detect insufficient authorization	[1] 10.1, 10.2	0



# 3 References

- [1] Specification of the Bluetooth System, Volume 3, Part A, L2CAP, Version 2.0 or later
- [2] Specification of the Bluetooth System, Volume 3, Part A, L2CAP, Version 2.1 plus CSA1 or later
- [3] Specification of the Bluetooth System, Volume 3, Part A, L2CAP, Version 3.0 or later
- [4] Specification of the Bluetooth System, Volume 3, Part A, L2CAP, Version 4.0 or later
- [5] Specification of the Bluetooth System, Volume 3, Part A, L2CAP, Version 4.1 or later
- [6] Specification of the Bluetooth System, Volume 3, Part C, GAP, Version 3.0 or later
- [7] Specification of the Bluetooth System, Volume 3, Part A (Logical Link Control and Adaptation Protocol Specification), Version 5.2 or later



# 4 Bridge mapping (informational)

Table 4.1 provides the mapping between new and old ICS items that had a part in past TCRL releases. An implementation qualified under an older TCRL release will use the bridge mapping to indicate support of the new ICS item, which is missing from the old TCRL release. The mapping can change depending on the older TCRL release. For newer TCRL releases, the bridge mapping table is not applicable.

New ICS item	Description	Mapping from Old ICS Item
L2CAP 0a/1	L2CAP BR/EDR Host	≥ TCRL pkg101: Not applicable ≤ TCRL pkg100: L2CAP 0/1 OR L2CAP 0/3
L2CAP 0a/2	L2CAP LE Host	≥ TCRL pkg101: Not applicable ≤ TCRL pkg100: L2CAP 0/2 OR L2CAP 0/3

Table 4.1: Bridge mapping (informational)



# 5 Mapping of L2CAP feature bits to ICS items

This section is informative.

Not all L2CAP features have corresponding ICS entries.

Feature Bit	Feature	ICS
0	Flow control mode 2/11	
1	Retransmission mode	2/10
2	Bi-directional QOS	
3	Enhanced Retransmission Mode	2/12
4	Streaming Mode	2/13
5	FCS Option 2/14	
6	Extended Flow Specification for BR/EDR 2/38	
7	Information request for fixed channels 2/30	
8	Extended Window Size 2/39	
9	Unicast Connectionless Data reception 2/35	
10	Enhanced Credit Based Flow Control Mode over BR/EDR 2/48a	
31	Reserved for feature mask extension	

Table 5.1: Mapping of L2CAP feature bits to ICS items



# 6 Revision history and acknowledgments

## Revision History

Publication Number	Revision Number	Date	Comments
0	1.2.1	2004-03-29	Changed document number and revision number to conform with legacy system. Added Disclaimer and Copyright Notice.
1	1.2.2	2004-08-24	Incorporated TSE 554 affecting Tables 1 and 2.
	1.2.3r1	2005-03-23	Incorporated TSE 595 to create new Table 1 and renumber tables.
2	1.2.3	2005-03-23	Prepare for publication.
	2.1.E.0r0	2006-12-20	Change doc identifier to apply to v1.2 and later specifications
3	2.1.E.0	2006-12-21	Prepare for publication.
	2.1.E.1r0	2008-04-19	Added Table 2/12-28 for CSA1
	2.1.E.1r1	2008-04-22	Input editorial review comments from SIG staff
4	2.1.E.1	2008-06-23	Prepare for publication.
	2.1.E.2r0-1	2009-02-05	Table 2: add rows for A2MP, AMP L2CAP, and UCD Technical review
5	3.0.H.0/ 2.1.E.2	2009-03-25	Prepare for publication.
6	3.0.H.1r0	2009-08-12	TSE 2934: Change Table 2, footnote C.14 TSE 2933: Change Table 2 footnote C.1
7	3.0.H.1a	2010-01-11	Fixed Table 2 radio buttons 30/31.
	4.0.0r1-r4	2010-05-18— 2010-06-16	Document merged (2.1.E.2r0_LE7 L2CAP ICS) including LE Added table 0 All M's and O's for BR/EDR turned into condtionals Global update on references to "2.0 and later" AND "4.0 and later references" Minor clarification to table 0 conditions tied to SUM_ICS TSE 3420, added item 2/44 Extended Flow Specification for AMP TSE 3421, added items 3/13, 3/14 and 3/15
8	4.0.0	2010-06-30	Prepare for publication.
	4.0.1r0-r2	2010-11-19— 2011-04-28	TSE 3838: Table 2, footnote C.14 TSE 3839: Table 2, footnote C.16 TSE 3863: Table 2, footnote C.22 added TSE 3873: Duplicate of TSE 3839 TSE 4352: Table 3, Footnote C.7, C.8, C.9 TSE4269 Added item 1/3 and 1/4. Table 2 C.18 and C.19
9	4.0.1	2011-07-15	Prepare for publication.
	4.0.2r0	2011-11-07	TSE 4431: Table 2/42 and 2/43: Table 2, C.18
10	4.0.2	2012-03-30	Prepare for publication.



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Publication Number	Revision Number	Date	Comments
11	4.0.3r0	2012-05-18	TSE 4752: Correct numbering, modify Table 0 Prerequisite, and Table 1 C.2 and Table 2/35 and Table 2 C.1 TSE 4737: Table 2/4
12	4.0.4	2012-07-24	Adopted by the Bluetooth SIG Board of Directors
	4.0.5r0	2012-09-05	TSE 4828: Made Support of RTX timer mandatory in Table 3: Configurable Parameters
13	4.0.5	2012-11-12	Prepare for Publication
	4.0.6r1	2013-05-31	TSE 4839: Added C.3 to Table 1.
14	4.0.6	2013-07-02	Prepare for Publication
	4.0.7rT	2013-08-07	Template Conversion - Updated conditional wording to match current language.
	4.0.7rTr3	2013-10-07	Template Review Comment Resolution
	4.1.0r01	2013-10-07	TSE 4840: Added item 2/45 "Send Disconnect Request Command"
	4.1.0r02	2013-10-11	LE L2CAP Connection Oriented Channels CR
	4.1.0r03	2013-11-06	Updated references to SUM ICS for 4.1
15	4.1.0	2013-12-03	Prepare for Publication
	4.1.1r00	2014-01-23	TSE 5430: Updated SUM ICS references for Table 0 C.3, Table 1 C.4 and C.5, Table 2 C.1 and C.23, Table 3 C.10.
	4.1.1r01	2014-04-04	TSE 5564: Corrected Table 1 C.4, C.5; Table 2 C.1, C.12, C.14, C.16, C.18, C.19, and C.23; Table 3 C.10. TSE 5578: Table 2 C.1, C.12, C.14, C.16, C.18, C.19. TSE 5543: Table 2 C.5, C.16
16	4.1.1	2014-07-07	TCRL 2014-1 Publication
	4.2.0r00	2014-11-17	Revved version to align with Core Specification Version 4.2 Release.
17	4.2.0	2014-12-04	Prepare for TCRL2014-2 publication
	4.2.1r00	2015-05-05	TSE 6093: Added new conditional C.25 to Table 2 and updated item 2/45 to point to it.
	4.2.1r01	2015-06-05	Deleted Section 1.2 (Global Statement of Conformance) per current ICS template standards.
	4.2.1r02	2015-06-08	Adjusted section numbering following deletion of Section 1.2 at 4.2.1r01 above.
18	4.2.1	2015-07-14	Prepared for TCRL 2015-1 publication
	4.2.2r00	2016-03-10	TSE 6543: Section 1.2/Table 0, changed "Device Configuration" to "L2CAP Transport Configuration." Item 1 Capability updated.
19	4.2.2	2016-07-13	Prepared for TCRL 2016-1 publication.
	5.0.0r00	2016-11-01	Updated for Core Specification v5.0 release. Added support for Bluetooth Core Specification v5.0 to Table 2, C.1. Modified conditional statements in Tables 1 and 2.



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	5.0.0r01	2016-11-08	Updated to current template. Removed unnecessary parentheses and replaced with quotation marks.
	5.0.0r02	2016-11-21	TSE 7808: Updated Table 2 Conditional C.1 to remove the "Implement at least one new feature" rule logic to Core versions 4.1 or later.
20	5.0.0	2016-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	5.0.1r00	2017-03-27	TSE 8527: Updated reference in Table 0/1.Updated references for items 1-6 in Table 1. Updated references for items 1-20, 21-35, and 36-47 for Table 2. Added row 45a "Send Disconnect Request Command – LE" to Table 2. Updated conditional (C.25) to remove LE related dependencies and added conditional (C.26) to Table 2. Updated references for items 1-8 to Table 3. Updated references for items 9-16 to Table 3. Updated existing references (1 and 4) and added 4 additional references for Core Spec 4.1 or later.
21	5.0.1	2017-07-05	Approved by BTI. Prepared for TCRL 2017-1 publication.
	5.0.2r00	2018-08-20	Drafted 2019 Deprecation & Withdrawal changes
	5.1.0r00	2018-11-13	Updated revision number from 5.0.2 to 5.1.0 to align with the adoption of Core Specification version 5.1
22	5.1.0	2018-12-07	Approved by BTI. Prepared for TCRL 2018-2 publication.
	p23r00-r02	2019-08-19 — 2019-11-22	Added test groups to accommodate adoption of Core Specification v5.2 with regard to EATT CR r07. Added item 48 and note C.23 to Table 2; updated references section with new Core Specification.  TSE 12752 (rating 1): Updated C.11 and C.23 for Table 2 to update numbering for SUM ICS Table 31 per TSE 12647.  Revised document numbering convention, setting last release publication of 5.1.0 as p22; added publication number column to Revision History.
23	p23	2020-01-07	Approved by BTI on 2019-12-22. Prepared for TCRL 2019-2 publication.
	p24r00-r07	2020-04-15 — 2021-06-09	TSE 12929 (rating 2): Added new Table 4 for Security Aspects in General Operation section.  TSE 15450 (rating 1): Editorials to address Erratum 15353, globally change "Master" to "Central" and "Slave" to "Peripheral."  Incorporated Removing_AMP_TEST_CRr03a: Added Removing AMP section to the References section to explain conditional text; added conditionals C.24 and C.25 and updated Status of items 29, 31, and 32 in Table 2.  Template-related and consistency checker editorials.
24	p24	2021-07-13	Approved by BTI on 2021-06-27. Prepared for TCRL 2021-1 publication.



Publication Number	Revision Number	Date	Comments
	p25r00-r02	2021-08-17 – 2021-12-29	TSE 15271 (rating 4): To address E14605, modified Table 4 (title, item 1 description, conditionals, added inter-layer dependency column) and added new Table 5.  TSE 17463 (rating 4): Added ICS items in Table 2 for Enhanced Credit Based Flow Control Mode for BR/EDR and LE support with corresponding conditionals. Editorial cleanup of items with the word "support" in the name. Alignment of item 2/40 with the language used in the specification.  Performed template-related formatting fixes and consistency checker editorials, including updates to the copyright page to align with v2 of the DNMD.
25	p25	2022-01-25	Approved by BTI on 2021-12-27. Prepared for TCRL 2021-2 publication.
	p25ed2 r00-r01	2022-02-02 – 2022-03-07	TSE 17870 (rating 1): Revised the descriptions of items 1 and 3 in Table 2 to show that they are for BR/EDR transport. Updated ICS descriptions (and associated conditionals) in Tables 2 and 3 to remove the redundant word "support" in alignment with current ICS conventions.  TSE 17871 (rating 1): Removed item 8 from Table 2 because it is no longer used.  Editorials, including template-related items and consistency checker fixes.
	p25, edition 2	2022-03-07	Approved by BTI on 2022-03-07. Prepared for edition 2 publication.
	p25ed3r00- r01	2023-03-10 – 2023-03-20	TSE 22227 (rating 1): Deleted the reference to SUM ICS 32/5 in the prerequisite for Table 0. Deleted the introductory text for the Capability Statement section. Editorial edits to align the document with the latest ICS template.
	p25 edition 3	2023-04-14	Approved by BTI on 2023-04-13. Prepared for edition 3 publication.
	p26r00-r06	2023-09-25 — 2024-04-24	TSE 18351 (rating 3): Added new item 2/49 and associated C.28.  TSE 22166 (rating 4): Added an informational section to map L2CAP feature bits to ICS items.  TSE 23557 (rating 2): Renamed Tables 4 and 5, removed the ILDs to GAP, in addition to related conditionals, added prerequisites, and updated the Capability names, references, and statuses to be clearer.  TSE 23558 (rating 2): Updated the status of 2/6, 2/11, and 2/30, also updating 2/30's Capability name and references. Added C.9 and expanded C.11.



Publication Number	Revision Number	Date	Comments
			TSE 24074 (rating 1): Replaced SUM ICS references with CORE ICS references. Updated Table 0 conditionals C.1–C.3 and added C.4, affecting 0/1, 0/2, and 0/3; updated Table 1 conditionals C.1 and C.3, affecting 1/1 and 1/2; updated Table 2 conditionals C.11, C.16, C.17, C.23, C.24, and C.26, affecting 2/1–2/7, 2/9–2/12, 2/29, 2/30, 2/48, and 2/48a; updated Table 3 conditionals C.4 and C.5, affecting 3/2–3/6 and 3/8.  TSE 24849 (rating 2): Updated 2/41 with a more appropriate conditional.  Updated the document to align with latest standards.
26	p26	2024-07-01	Approved by BTI on 2024-05-22. Prepared for TCRL 2024-1 publication.
	p27r00-r01	2024-10-31 – 2024-11-25	TSE 25882 (rating 4): Added new ICS items 2/14a, 2/14b, and 2/14c and related conditionals C.30 and C.31.
27	p27	2025-02-18	Approved by BTI on 2024-12-26. Prepared for TCRL 2025-1 publication.
	p28r00-r01	2025-01-30 — 2025-03-28	TSE 27045 (rating 1): Updated Table 0 title, capability names, and associated conditionals to enable BR/EDR/LE Host combination with either a BR/EDR only or an LE only controller.
28	p28	2025-05-06	Approved by BTI on 2025-04-16. Prepared for TCRL 2025-2 publication.
	p29r00-r01	2025-07-17 – 2025-09-05	TSE 27265 (rating 2): Renamed the "L2CAP Transport Configuration" section to "L2CAP Host Configuration", set Table 0 to "No longer used", added new Table 0a, updated conditionals and prerequisites in Tables 1–5 to align with those changes, and added a Bridge Mapping table/section.
29	p29	2025-11-04	Approved by BTI on 2025-10-05. Prepared for TCRL pkg101 publication.

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Tim Howes	CSR
Neil Stewart	CSR



Name	Company
Harish Balasubramaniam	Intel
Magnus Eriksson	Intel
Oren Haggai	Intel
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Robert Hughes	Intel
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Josselin De La Broise	Marvell
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