RFCOMM Protocol (RFCOMM)

Bluetooth® **Implementation Conformance Statement (ICS) Proforma**

- **Revision:** RFCOMM.ICS.p9
- **Revision Date:** 2026-02-17
- **Prepared By:** BTI
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Contents

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 Versions

Table 0: X.Y Versions

Item	Version	Reference	Status
1	RFCOMM v1.1 with TS 07.10	[1]	C.1
2	RFCOMM v1.2 with TS 07.10	[1]	C.1

C.1:   Mandatory to support one and only one.

2.2 Core Configuration

Table 0a: Core Configuration Requirements

Item	Core Configuration	Reference	Status
1	Protocol supported over BR/EDR	[1] 3.1	C.1, C.3
2	Protocol supported over LE	[1] 3.1	C.2

C.1:   Excluded for this Protocol IF CORE 41/2 "LE Core Configuration" OR CORE 40/1 "Core-Controller".

C.2:   Excluded for this Protocol.

C.3:   Mandatory for this Protocol.

2.3 Supported procedures

Table 1: Supported Procedures

Item	Capability	Reference	Status
1	Initialize RFCOMM Session	[1] 5.2.1	C.5
2	Respond to Initialization of an RFCOMM Session	[1] 5.2.1	C.5
3	Shutdown RFCOMM Session	[1] 5.2.2	M
4	Respond to a Shutdown of an RFCOMM Session	[1] 5.2.2	M
5	Establish DLC	[1] 5.2.1	C.2
6	Respond to Establishment of a DLC	[1] 5.2.1	C.1
7	Disconnect DLC	[1] 5.2	M
8	Respond to Disconnection of a DLC	[1] 5.2	M
9	Respond to and send MSC Command	[1] 2.2	M
10	Initiate Transfer Information	[1] 5.1	M
11	Respond to Test Command	[1] 4.3	M
12	Send Test Command	[1] 4.3	O
13	React to Aggregate Flow Control	[1] 6.3	M
14	Respond to RLS Command	[1] 5.5.2	M
15	Send RLS Command	[1] 5.5.2	O
16	Respond to PN Command	[1] 5.5.3	M
17	Send PN Command	[1] 5.5.3	C.3
18	Send Non-Supported Command (NSC) response	[1] 4.3	C.4

Item	Capability	Reference	Status
19	Respond to RPN Command	[1] 5.5.1	M
20	Send RPN Command	[1] 5.5.1	O
21	Closing Multiplexer by First Sending a DISC Command	[1] 5.2.2	O
22	Support of Credit Based Flow Control	[1] 6.5	M
23	No longer used	N/A	N/A

C.1:   Mandatory IF RFCOMM 1/2 "Respond to Initialization of an RFCOMM Session", otherwise Excluded.

C.2:   Mandatory IF RFCOMM 1/1 "Initialize RFCOMM Session", otherwise Excluded.

C.3:   Mandatory IF RFCOMM 1/1 "Initialize RFCOMM Session", otherwise Optional.

C.4:   Mandatory IF RFCOMM 0/2 "RFCOMM v1.2 with TS 07.10", otherwise Optional.

C.5:   Mandatory to support at least one.

3 References

[1] RFCOMM Specification with TS 07.10, Version 1.1 or later

4 Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
	0.92	May 2002	Original version
0	1.1.0	2004-12-07	Incorporate TSE 575 for Table RFCOMM 1. Format and editorial changes. Change conditional statements for Table RFCOMM 1.
	1.1.1r0	2011-11-11	TSE 4191: Table 1/23: Change status
1	1.1.1	2012-03-30	Prepare for publication.
	1.2.0r0	2012-09-25	TSE 4959: Added Table 0 for Profile Version and Corrected 1/18 entry conditional, and retitled Table 1. Version updated for specification Version 1.2 Editorial updates to align with current standards.
2	1.2.0	2012-11-13	Prepare for Publication
	1.2.1r00	2014-10-25	TSE 5945: Removed 1/23 as a duplication of 1/6, 1/23 updated to "Item no longer used"
3	1.2.1	2014-12-08	Prepare for TCRL 2014-2 publication
	1.2.2r00	2016-11-01	TSE 8027: No material changes. Follow-up to template conversion only.
4	1.2.2	2016-12-13	Approved by BTI. Prepared for TCRL 2016-2 publication.
	1.2.3r00	2017-10-08	TSE 9956 (rating 1): Updated ICS template. Fixed a copy paste error in Table 1 title.
5	1.2.3	2018-07-01	Approved by BTI. Prepared for TCRL 2018-1 publication.
	1.2.4r00	2019-09-06	TSE 12491 (rating 2): Revised Table 1 by updating existing conditionals, replacing SPP references with RFCOMM references, and added new conditional. Additionally, moved revision history and contributors tables to end of doc and updated copyright page text.
6	1.2.4	2020-01-07	Approved by BTI on 2019-11-17. Prepared for TCRL 2019-2 publication.
	p7r00–r01	2022-10-30 – 2022-12-02	TSE 20346 (rating 1): Updated to align with current ICS conventions/template. In Table 0, updated the table title, versions, references, and C.1. In Table 1, removed "is supported" language in C.1–C.5. Performed additional template-related formatting fixes. Added a Publication Number column to the Revision History. Revised the document numbering convention, setting the last release publication of 1.2.4 as p6. Replaced the Bluetooth logo in the footer and updated the copyright page to align with v2 of the DNMD.
7	p7	2023-02-07	Approved by BTI on 2022-12-19. Prepared for TCRL 2022-2 publication.

Publication Number	Revision Number	Date	Comments
	p8r00	2025-03-17	TSE 27014 (rating 2): Updated C.1 for Table 0 and added Core Configuration section and Table 0a. Updated Item 1/23 to match current conventions, and modified C.5 for Table 1. Updated the references list. Incorporated editorials to align the document with the latest ICS template, including updates to Section 1 and the addition of a section heading for the ICS declarations section.
8	p8	2025-07-08	Approved by BTI on 2025-05-30. Prepared for TCRL pkg100 publication.
	p9r00	2025-12-05 – 2026-01-08	TSE 28346 (rating 1): Updated the conditions in the transport table to make sure the layer is excluded when the design is an implementation of the Core-Controller Configuration by adding "OR CORE 40/1 "Core-Controller"" to an already excluded transport based on Core Configuration support.
9	p9	2026-02-17	Approved by BTI on 2026-01-22. Prepared for TCRL pkg102 publication.