

Product Details

DN	Q342942
Included Design(s)	309899 304434
Qualification Date	2025-01-08
Receipt Number	R070590
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City	SHENZHENSHI
State	Guangdong
Country	China
Postal Code	518052

Product List

Name	Description	Model Number	Publish Date	Website
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Name	Description	Model Number	Publish Date	Website
BT89XX BT6.0 Audio Solution	Bluetrum Bluetooth 6.0 Audio Solution.	BT8970	2025-01-08	www.bluetrum.com
BT8971A	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971A	2025-01-14	www.bluetrum.com
BT8822C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8822C	2025-02-18	www.bluetrum.com
BT8971B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971B	2025-01-14	www.bluetrum.com
BT8971C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971C	2025-01-14	www.bluetrum.com
BT8971D	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971D	2025-01-14	www.bluetrum.com
BT8971E	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971E	2025-01-14	www.bluetrum.com
BT8971F	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971F	2025-01-14	www.bluetrum.com
BT8971G	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971G	2025-01-14	www.bluetrum.com
BT8971H	Bluetrum Bluetooth 6.0 Audio Solution.	BT8971H	2025-01-14	www.bluetrum.com
BT8972A	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972A	2025-01-14	www.bluetrum.com
BT8972B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972B	2025-01-14	www.bluetrum.com
BT8972C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972C	2025-01-14	www.bluetrum.com
BT8972D	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972D	2025-01-14	www.bluetrum.com
BT8972E	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972E	2025-01-14	www.bluetrum.com

Name	Description	Model Number	Publish Date	Website
BT8972F	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972F	2025-01-14	www.bluetrum.com
BT8972G	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972G	2025-01-14	www.bluetrum.com
BT8972H	Bluetrum Bluetooth 6.0 Audio Solution.	BT8972H	2025-01-14	www.bluetrum.com
BT8901B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8901B	2025-01-14	www.bluetrum.com
BT8936D	Bluetrum Bluetooth 6.0 Audio Solution.	BT8936D	2025-01-14	www.bluetrum.com
BT8931J	Bluetrum Bluetooth 6.0 Audio Solution.	BT8931J	2025-01-14	www.bluetrum.com
BT8901A	Bluetrum Bluetooth 6.0 Audio Solution.	BT8901A	2025-01-14	www.bluetrum.com
BT8931H	Bluetrum Bluetooth 6.0 Audio Solution.	BT8931H	2025-01-14	www.bluetrum.com
BT8932B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8932B	2025-01-14	www.bluetrum.com
BT8932C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8932C	2025-01-14	www.bluetrum.com
BT8932D	Bluetrum Bluetooth 6.0 Audio Solution.	BT8932D	2025-01-14	www.bluetrum.com
BT8932E	Bluetrum Bluetooth 6.0 Audio Solution.	BT8932E	2025-01-14	www.bluetrum.com
BT8932F	Bluetrum Bluetooth 6.0 Audio Solution.	BT8932F	2025-01-14	www.bluetrum.com
BT8932H	Bluetrum Bluetooth 6.0 Audio Solution.	BT8932H	2025-01-14	www.bluetrum.com
BT8936B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8936B	2025-01-14	www.bluetrum.com
BT8936E	Bluetrum Bluetooth 6.0 Audio Solution.	BT8936E	2025-01-14	www.bluetrum.com

Name	Description	Model Number	Publish Date	Website
BT8936T	Bluetrum Bluetooth 6.0 Audio Solution.	BT8936T	2025-01-14	www.bluetrum.com
AB5716A	Bluetrum Bluetooth 6.0 Audio Solution.	AB5716A	2025-01-14	www.bluetrum.com
AB5712F	Bluetrum Bluetooth 6.0 Audio Solution.	AB5712F	2025-01-14	www.bluetrum.com
AB5712C	Bluetrum Bluetooth 6.0 Audio Solution.	AB5712C	2025-01-14	www.bluetrum.com
AB5716E	Bluetrum Bluetooth 6.0 Audio Solution.	AB5716E	2025-01-14	www.bluetrum.com
AB5716D	Bluetrum Bluetooth 6.0 Audio Solution.	AB5716D	2025-01-14	www.bluetrum.com
AB5716F	Bluetrum Bluetooth 6.0 Audio Solution.	AB5716F	2025-01-14	www.bluetrum.com
AB5705A	Bluetrum Bluetooth 6.0 Audio Solution.	AB5705A	2025-01-14	www.bluetrum.com
AB5705C	Bluetrum Bluetooth 6.0 Audio Solution.	AB5705C	2025-01-14	www.bluetrum.com
AB5702B	Bluetrum Bluetooth 6.0 Audio Solution.	AB5702B	2025-01-14	www.bluetrum.com
BT8922R2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922R2	2025-01-14	www.bluetrum.com
BT8922A2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922A2	2025-01-14	www.bluetrum.com
BT8922B2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922B2	2025-01-14	www.bluetrum.com
BT8922C2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922C2	2025-01-14	www.bluetrum.com
BT8922D2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922D2	2025-01-14	www.bluetrum.com
BT8922E2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922E2	2025-01-14	www.bluetrum.com

Name	Description	Model Number	Publish Date	Website
BT8922F2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922F2	2025-01-14	www.bluetrum.com
BT8922H2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922H2	2025-01-14	www.bluetrum.com
BT8922K2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8922K2	2025-01-14	www.bluetrum.com
BT8925B2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8925B2	2025-01-14	www.bluetrum.com
BT8925D2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8925D2	2025-01-14	www.bluetrum.com
BT8926A2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8926A2	2025-01-14	www.bluetrum.com
BT8926B2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8926B2	2025-01-14	www.bluetrum.com
BT8926C2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8926C2	2025-01-14	www.bluetrum.com
BT8926D2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8926D2	2025-01-14	www.bluetrum.com
BT8925C2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8925C2	2025-01-14	www.bluetrum.com
BT8926E2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8926E2	2025-01-14	www.bluetrum.com
BT8926F2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8926F2	2025-01-14	www.bluetrum.com
BT8916A2	Bluetrum Bluetooth 6.0 Audio Solution.	BT8916A2	2025-01-14	www.bluetrum.com
BT8918A	Bluetrum Bluetooth 6.0 Audio Solution.	BT8918A	2025-01-14	www.bluetrum.com
BT8918B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8918B	2025-01-14	www.bluetrum.com
BT8918C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8918C	2025-01-14	www.bluetrum.com

Name	Description	Model Number	Publish Date	Website
BT8918D	Bluetrum Bluetooth 6.0 Audio Solution.	BT8918D	2025-01-14	www.bluetrum.com
BT8918E	Bluetrum Bluetooth 6.0 Audio Solution.	BT8918E	2025-01-14	www.bluetrum.com
BT8918F	Bluetrum Bluetooth 6.0 Audio Solution.	BT8918F	2025-01-14	www.bluetrum.com
AB5632B	Bluetrum Bluetooth 6.0 Audio Solution.	AB5632B	2025-01-14	www.bluetrum.com
AB5632E	Bluetrum Bluetooth 6.0 Audio Solution.	AB5632E	2025-01-14	www.bluetrum.com
AB5632F	Bluetrum Bluetooth 6.0 Audio Solution.	AB5632F	2025-01-14	www.bluetrum.com
AB5632G	Bluetrum Bluetooth 6.0 Audio Solution.	AB5632G	2025-01-14	www.bluetrum.com
AB5632K	Bluetrum Bluetooth 6.0 Audio Solution.	AB5632K	2025-01-14	www.bluetrum.com
AB5635B	Bluetrum Bluetooth 6.0 Audio Solution.	AB5635B	2025-01-14	www.bluetrum.com
AB5636A	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636A	2025-01-14	www.bluetrum.com
AB5636E	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636E	2025-01-14	www.bluetrum.com
AB5636B	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636B	2025-01-14	www.bluetrum.com
AB5636C	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636C	2025-01-14	www.bluetrum.com
AB5636D	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636D	2025-01-14	www.bluetrum.com
AB5632C	Bluetrum Bluetooth 6.0 Audio Solution.	AB5632C	2025-01-14	www.bluetrum.com
AB5636W	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636W	2025-01-14	www.bluetrum.com

Name	Description	Model Number	Publish Date	Website
AB5636F	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636F	2025-01-14	www.bluetrum.com
AB5636H	Bluetrum Bluetooth 6.0 Audio Solution.	AB5636H	2025-01-14	www.bluetrum.com
BT8951D	Bluetrum Bluetooth 6.0 Audio Solution.	BT8951D	2025-01-14	www.bluetrum.com
BT8951H	Bluetrum Bluetooth 6.0 Audio Solution.	BT8951H	2025-01-14	www.bluetrum.com
BT8951J	Bluetrum Bluetooth 6.0 Audio Solution.	BT8951J	2025-01-14	www.bluetrum.com
BT8952B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8952B	2025-01-14	www.bluetrum.com
BT8952E	Bluetrum Bluetooth 6.0 Audio Solution.	BT8952E	2025-01-14	www.bluetrum.com
BT8952F	Bluetrum Bluetooth 6.0 Audio Solution.	BT8952F	2025-01-14	www.bluetrum.com
BT8952G	Bluetrum Bluetooth 6.0 Audio Solution.	BT8952G	2025-01-14	www.bluetrum.com
BT8952J	Bluetrum Bluetooth 6.0 Audio Solution.	BT8952J	2025-01-14	www.bluetrum.com
BT8958B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8958B	2025-01-14	www.bluetrum.com
BT8958C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8958C	2025-01-14	www.bluetrum.com
BT8959B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8959B	2025-01-14	www.bluetrum.com
BT8959C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8959C	2025-01-14	www.bluetrum.com
BT8959T	Bluetrum Bluetooth 6.0 Audio Solution.	BT8959T	2025-01-14	www.bluetrum.com
BT8961B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8961B	2025-01-14	www.bluetrum.com

Name	Description	Model Number	Publish Date	Website
BT8961C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8961C	2025-01-14	www.bluetrum.com
BT8962A	Bluetrum Bluetooth 6.0 Audio Solution.	BT8962A	2025-01-14	www.bluetrum.com
BT8962B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8962B	2025-01-14	www.bluetrum.com
BT8952U	Bluetrum Bluetooth 6.0 Audio Solution.	BT8952U	2025-01-14	www.bluetrum.com
BT8962U	Bluetrum Bluetooth 6.0 Audio Solution.	BT8962U	2025-01-14	www.bluetrum.com
BT8969B	Bluetrum Bluetooth 6.0 Audio Solution.	BT8969B	2025-01-14	www.bluetrum.com
BT8969C	Bluetrum Bluetooth 6.0 Audio Solution.	BT8969C	2025-01-14	www.bluetrum.com
BT8969T	Bluetrum Bluetooth 6.0 Audio Solution.	BT8969T	2025-01-14	www.bluetrum.com
BT8968D	Bluetrum Bluetooth 6.0 Audio Solution.	BT8968D	2025-01-14	www.bluetrum.com

Complete the Submission

By typing my name or other symbol of my signature into the "Signature" field below, I agree to and sign on behalf of Shenzhen Bluetrum Technology Co.,Ltd. ("Company") the [Bluetooth Qualification Workspace Terms of Use](#), and I represent and warrant personally and on behalf of Company that:

- ☒ I am authorized by Company to agree and sign on behalf of Company and to submit this Product.

- ☑ Company does not, by its governing documents or other applicable law, require more than one signatory, a stamp or seal, or a witnessed signature to be legally bound.
- ☑ I agree to contract in English and electronically and adopt the characters and symbols input in the signature field below as my signature, with the same effect as an ink signature.

Signature: Mark Liu

BLUETOOTH QUALIFICATION WORKSPACE TERMS OF USE

Last Updated: November 27, 2024.

These Bluetooth Qualification Workspace Terms of Use ("**Qualification Workspace Terms**") are a supplement to the [Bluetooth SIG Website Terms of Use](#) ("**WTOU**") and together the Qualification Workspace Terms and WTOU are a legal agreement (collectively the "**Bluetooth Terms**") between you and the Bluetooth SIG, Inc., a Delaware corporation ("**Bluetooth SIG**") that governs your access to and use of the Bluetooth Qualification Workspace (the "**Qualification Workspace Tool**"). The Qualification Workspace Tool is a Service (as defined in the WTOU) offered by the Bluetooth SIG. Terms used but not defined in these Qualification Workspace Terms have the meanings ascribed to them in the WTOU or the Qualification Program Reference Document ("**QPRD**"). In the event of a conflict between these Qualification Workspace Terms and the WTOU or QPRD, these Qualification Workspace Terms will govern.

PLEASE READ THE BLUETOOTH TERMS CAREFULLY. BY ACCESSING OR USING THE QUALIFICATION WORKSPACE TOOL AND/OR CLICKING TO INDICATE THAT YOU AGREE TO THE QUALIFICATION WORKSPACE TERMS, YOU REPRESENT THAT YOU ARE AUTHORIZED TO BIND THE ENTITY UNDER WHOSE BLUETOOTH SIG MEMBERSHIP YOU OBTAINED A USER ACCOUNT AND THAT YOU AND THAT YOUR MEMBER COMPANY AGREES TO BE BOUND BY THE BLUETOOTH TERMS. IF YOU ARE NOT

AUTHORIZED OR DO NOT AGREE TO THE BLUETOOTH TERMS, DO NOT ACCESS OR USE THE QUALIFICATION WORKSPACE TOOL OR CLICK TO INDICATE THAT YOU AGREE TO THESE QUALIFICATION WORKSPACE TERMS.

1. MEMBERSHIP ACCOUNT REQUIREMENT.

To access and use the Qualification Workspace Tool, you must have an Account (as defined in the WTOU) issued under the membership account of a current Bluetooth SIG member ("**Your Member Company**") and log into the Qualification Workspace Tool with that Account. You acknowledge and agree that when you access the Qualification Workspace Tool that you are doing so on behalf of Your Member Company and you represent and warrant that you are authorized by Your Member Company to access and use the Qualification Workspace Tool and provide Submissions (defined below) on Your Member Company's behalf.

2. BLUETOOTH QUALIFICATION PROCESS.

The "**Bluetooth Qualification Process**" is the process created by the Bluetooth SIG for qualifying Products (as defined in the QPRD). The Qualification Workspace Tool is the Bluetooth SIG tool designed to implement the Bluetooth Qualification Process.

3. REPRESENTATIONS AND ACKNOWLEDGEMENTS.

(a) You represent and warrant that you have permission to submit to the Bluetooth SIG all information and materials (including design information, product information, test reports, and test results) that you provide through the Qualification Workspace Tool ("Submissions") and that all Submissions are true, complete, and accurate.

(b) You represent and warrant that you and Your Member Company will comply with the SIG Member Terms (as defined in the WTOU).

(c) You represent and warrant that all Submissions that you make through the Qualification Workspace Tool and all Products listed in your Submissions comply with the SIG Member Terms (as defined in the WTOU) and the Bluetooth Specification(s) (as defined in the QPRD) referenced in your Submission.

(d) You represent and warrant that the Products referenced in your Submissions that you submit to the Bluetooth Qualification Process via the Qualification Workspace Tool will only be Products that, if marketed or distributed, are done so by Your Member Company under a name or trademark that uniquely identifies Your Member Company as the source of the Product.

(e) You acknowledge and agree that a product is not a Bluetooth Product under the Bluetooth Trademark License Agreement and you and Your Member Company will not market or distribute any product that uses any Bluetooth® trademark on it or in connection with any related marketing, promotion, or advertising, unless you or Your Member Company have been notified by the Bluetooth SIG that it has completed the Bluetooth Qualification Process (i.e., via an email from the Bluetooth SIG expressly stating that the Product has completed the Bluetooth Qualification Process).

4. FEES AND PAYMENT TERMS.

(a) The Bluetooth SIG may charge you fees in connection with the Bluetooth Qualification Process, including within the Qualification Workspace Tool and Submissions (e.g., Product

Qualification Fees, etc.). The type and amount of fees may change at any time. You agree that Your Member Company will pay all fees required by the Bluetooth SIG in accordance with the instructions provided within the Qualification Workspace Tool. The Bluetooth SIG may accept credit card payments or, if offered within the Qualification Workspace Tool, may permit you to pay fees offline. If you choose to pay offline, you will pay the invoice issued to you by the Bluetooth SIG, according to the terms stated in the invoice. If you provide credit card payment information, you agree that the Bluetooth SIG or its third party payment processor may charge your credit card immediately. You acknowledge that, until the Bluetooth SIG has processed your payment and received the funds: you and Your Member Company will not acquire any of the rights or benefits for those fees. All sales are final and all payments are nonrefundable.

(b) If you receive a discount on any fees based on Your Member Company's level of membership and Your Member Company's membership level changes (e.g., it moves from an associate to an adopter level), you will no longer be entitled to receive the discount and any fees owed and any outstanding invoices from the Bluetooth SIG as of the date of the membership level change will be increased to reflect the amount owed without the discount. Further, if you prepaid any Product Qualification Fees and received a discount and you have not used the Product Qualification Fees as of the date of the membership level change, you may not use the Product Qualification Fees unless you pay the difference between the then-current standard fee and the discounted fee previously paid.

(c) When required by the Bluetooth SIG, Your Member Company must pay a Product Qualification Fee prior to completion of the Bluetooth Qualification Process. To confirm payment of the Product Qualification Fee, the Bluetooth SIG will issue a Receipt Number (as defined in the QPRD), which will be associated with your user account. Any Product Qualification Fees you pay are paid by you on behalf of Your Member Company regardless of the payment method or source of funds and proof of payment is evidenced by the issuance of a Receipt Number. If requested by Your Member Company, the Bluetooth SIG may reassign, without notice to you, prepaid Product Qualification Fees from your user account to another user account under Your Member Company's membership account. When required by the Bluetooth SIG, Your Member Company must provide the Receipt Number in the Submission as proof of payment before completing the Bluetooth Qualification Process. All Product Qualification Fees not used expire 12 months from the date of receipt of payment and corresponding Receipt Numbers will no longer be available for use as proof of payment. No Product Qualification Fees will be refunded. Product Qualification Fees and corresponding Receipt Numbers are nontransferable and may not be transferred to another member.

5. CONFIDENTIALITY OF SUBMISSIONS.

You and the Bluetooth SIG agree that Submissions are Confidential Information subject to the Bluetooth SIG Confidentiality Policy even if you do not label the Submission "Confidential". Notwithstanding anything in the Bluetooth SIG Confidentiality Policy and except as described in the following

sentence, you agree that the Bluetooth SIG will treat your Submissions as confidential, including by not making them available through the searchable database on the Bluetooth SIG's web site until the date that you have selected as the "Product Publication Date" within the Qualification Workspace Tool when you click to submit your Submission. The Bluetooth SIG further agrees that:

- (a) the following information will be treated as Member Confidential Information and not included in the searchable database on the Bluetooth SIG's web site until the "Product Publication Date" : Product name, model number, Product Publication Date, and Product description; and
- (b) the test declaration and test evidence provided as part of your Submission will be treated as Member Confidential Information for the period of time required under the Bluetooth SIG Confidentiality Policy regardless of the Product Publication Date in the Submission.

To the extent that this Section conflicts with the Bluetooth SIG Confidentiality Policy, this Section supersedes the Bluetooth SIG Confidentiality Policy with respect to the Bluetooth SIG's obligations of confidentiality of Submissions.

6. RECORD KEEPING AND AUDIT.

You agree to maintain a complete copy of your Submissions as well as all supporting information and documentation related to each Product you submit for qualification through the Qualification Workspace Tool ("**Records**") in order to document your compliance with the SIG Member Terms and Bluetooth Specifications. You agree that the Bluetooth SIG may request

copies of Records relating to or pertaining to your Submissions and all Products referenced therein and you will provide copies of Records and permit the Bluetooth SIG and its representatives to audit, examine, and make copies of or extracts from all Records (in whatever form they may be kept, whether written, electronic, or other) in order to verify the truth, accuracy, and completeness of your Submissions as well as compliance with the SIG Member Terms and Bluetooth Specifications. The Bluetooth SIG will be responsible for the cost of any audit, unless the audit reveals that any Submission is incomplete or inaccurate or that you, Your Member Company, any of your Submissions, or any Product fails to comply with the SIG Member Terms or Bluetooth Specifications, in which case Your Member Company will reimburse the Bluetooth SIG for the costs of the audit within 30 days after receiving the Bluetooth SIG's request for reimbursement.

7. ADDITIONAL DISCLAIMERS.

The Qualification Workspace Tool is not a record-keeping or storage tool. You are responsible for backing up all of Your Content (as defined in the WTOU) submitted to the Qualification Workspace Tool. In addition to the disclaimers in the WTOU, the Bluetooth SIG does not guarantee that Your Content will not be removed, damaged, corrupted, or lost.

8. TERMINATION, WITHDRAWAL, SURVIVAL.

These Qualification Workspace Terms will terminate upon the termination or withdrawal of Your Member Company's membership in Bluetooth SIG and Sections 3-8 of these Qualification Workspace Terms will survive. Bluetooth SIG

reserves the right to withdraw the qualification of any Product if, at any time, Bluetooth SIG determines that the Product or the corresponding Submission did not comply with the Bluetooth Terms, SIG Member Terms, or applicable Bluetooth Specifications at the time that the Submission was approved by Bluetooth SIG.

Advanced Audio Distribution Profile

Table 2a: A2DP SRC X.Y Versions

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 2b: A2DP SRC X.Y.Z Versions

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 7a: A2DP SNK X.Y Versions

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
7a/4	A2DP 1.4	A2DP 1.4	C.1	☒	C.1: Mandatory to support one and only one.

Table 7b: A2DP SNK X.Y.Z Versions

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
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Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Sink	[1] 2.2	C.1	☒	C.1: Mandatory to support at least one.

Table 2: A2DP SRC Features

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 3: Supported Codec Interoperability Requirements in SRC

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 3a: Supported Codec Feature Interoperability Requirements in SRC

Prerequisite: A2DP 3/1 "SBC encoder"

Item	Capability	Reference	Support	Status	Comment
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Table 3g: Supported MPEG-2,4 AAC Object Type Interoperability Requirements in SRC

Prerequisite: A2DP 3/6 "Encode and forward MPEG-2,4 AAC Audio Stream"

Item	Capability	Reference	Support	Status	Comment
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Table 3h: Supported MPEG-2,4 AAC Channel Interoperability Requirements in SRC

Prerequisite: A2DP 3/6 "Encode and forward MPEG-2,4 AAC Audio Stream"

Item	Capability	Reference	Support	Status	Comment
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Table 3i: Supported MPEG-2,4 AAC Sampling Frequency Interoperability Requirements in SRC

Prerequisite: A2DP 3/6 "Encode and forward MPEG-2,4 AAC Audio Stream"

Item	Capability	Reference	Support	Status	Comment
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Table 3j: Supported MPEG-2,4 AAC Feature Interoperability Requirements in SRC

Prerequisite: A2DP 3/6 "Encode and forward MPEG-2,4 AAC Audio Stream"

Item	Capability	Reference	Support	Status	Comment
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Table 3k: Supported MPEG-D USAC Channel Interoperability Requirements in SRC

Prerequisite: A2DP 3/10 "Encode and forward MPEG-D USAC Audio Stream"

Item	Capability	Reference	Support	Status	Comment
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Table 3l: Supported MPEG-D USAC Sampling Frequency Interoperability Requirements in SRC

Prerequisite: A2DP 3/10 "Encode and forward MPEG-D USAC Audio Stream"

Item	Capability	Reference	Support	Status	Comment
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Table 3m: Supported MPEG-D USAC Feature Interoperability Requirements in SRC

Prerequisite: A2DP 3/10 "Encode and forward MPEG-D USAC Audio Stream"

Item	Capability	Reference	Support	Status	Comment
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Table 8: SDP Attributes (Source)

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 9: GAVDP Roles (Source)

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 11a: AVDTP Capabilities (Initiator, Source)

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 11b: AVDTP Capabilities (Acceptor, Source)

Prerequisite: A2DP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 4: A2DP SNK Features

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
4/2	Accept Connection Establishment	[2] 3.1.1	M	☑	
4/4	Accept Start Streaming	[2] 3.1.2	M	☑	
4/5	Receive Audio Stream	[1] 3.2.1	M	☑	
4/7	Accept Connection Release	[2] 3.1.3	M	☑	
4/10	SBC Decoder	[1] 4.3	M	☑	
4/13	SBC Configurations in 44.1 kHz sampling frequency	[1] 4.3.2.1	M	☑	
4/14	SBC Configurations in 48 kHz sampling frequency	[1] 4.3.2.1	M	☑	
4/15	Delay Reporting	[1] 5.1.1.2, [2] 3.1.8	C.1	☑	C.1: Excluded IF A2DP 7a/2 "A2DP 1.2", otherwise Mandatory.

Table 5: Supported Codec Interoperability Requirements in SNK

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
5/1	SBC Decoder	[1] 4.3 & Appendix B, [3] 3.2.4	M	☑	
5/4	MPEG-2,4 AAC decoder	[1] 4.5	O	☑	
5/6	MPEG-D USAC decoder	[6] 4.8	C.2	☑	C.2: Excluded IF A2DP 7a/2 "A2DP 1.2" OR A2DP 7a/3 "A2DP 1.3", otherwise Optional.

Table 5a: Supported Codec Feature Interoperability Requirements in SNK

Prerequisite: A2DP 5/1 "SBC Decoder"

Item	Capability	Reference	Support	Status	Comment
5a/1	Channel Mode - Mono	[1] 4.3.2.2	M	☑	
5a/2	Channel Mode - Dual Channel	[1] 4.3.2.2	M	☑	
5a/3	Channel Mode - Stereo	[1] 4.3.2.2	M	☑	
5a/4	Channel Mode - Joint Stereo	[1] 4.3.2.2	M	☑	
5a/5	Block Length 4	[1] 4.3.2.3	M	☑	
5a/6	Block Length 8	[1] 4.3.2.3	M	☑	
5a/7	Block Length 12	[1] 4.3.2.3	M	☑	
5a/8	Block Length 16	[1] 4.3.2.3	M	☑	
5a/9	Subbands - 4	[1] 4.3.2.4	M	☑	
5a/10	Subbands - 8	[1] 4.3.2.4	M	☑	
5a/11	Allocation - SNR	[1] 4.3.2.5	M	☑	
5a/12	Allocation - Loudness	[1] 4.3.2.5	M	☑	

Table 5g: Supported MPEG-2,4 AAC Object Type Interoperability Requirements in SNK

Prerequisite: A2DP 5/4 "MPEG-2,4 AAC decoder"

Item	Capability	Reference	Support	Status	Comment
5g/1	MPEG-2 AAC LC	[1] 4.5.2.1	M	☑	

Table 5h: Supported MPEG-2,4 AAC Channel Interoperability Requirements in SNK

Prerequisite: A2DP 5/4 "MPEG-2,4 AAC decoder"

Item	Capability	Reference	Support	Status	Comment
5h/1	1 Channel	[1] 4.5.2.4	M	☑	
5h/2	2 Channels	[1] 4.5.2.4	M	☑	

Table 5i: Supported MPEG-2,4 AAC Sampling Frequency Interoperability Requirements in SNK

Prerequisite: A2DP 5/4 "MPEG-2,4 AAC decoder"

Item	Capability	Reference	Support	Status	Comment
5i/8	44100 Hz	[1] 4.5.2.3	M	☑	
5i/9	48000 Hz	[1] 4.5.2.3	M	☑	

Table 5j: Supported MPEG-2,4 AAC Feature Interoperability Requirements in SNK

Prerequisite: A2DP 5/4 "MPEG-2,4 AAC decoder"

Item	Capability	Reference	Support	Status	Comment
5j/1	Variable Bit Rate	[1] 4.5.2.5, [6] 4.5.2.6	M	☑	

Table 5k: Supported MPEG-D USAC Channel Interoperability Requirements in SNK

Prerequisite: A2DP 5/6 "MPEG-D USAC decoder"

Item	Capability	Reference	Support	Status	Comment
5k/1	1 Channel	[1] 4.8.2.3	M	☑	
5k/2	2 Channels	[1] 4.8.2.3	M	☑	

Table 5l: Supported MPEG-D USAC Sampling Frequency Interoperability Requirements in SNK

Prerequisite: A2DP 5/6 "MPEG-D USAC decoder"

Item	Capability	Reference	Support	Status	Comment
5l/2	8000 Hz	[1] 4.8.2.2	O	☑	

5l/5	11025 Hz	[1] 4.8.2.2	O	☑
5l/10	16000 Hz	[1] 4.8.2.2	O	☑
5l/13	22050 Hz	[1] 4.8.2.2	O	☑
5l/14	24000 Hz	[1] 4.8.2.2	O	☑
5l/16	32000 Hz	[1] 4.8.2.2	O	☑
5l/19	44100 Hz	[1] 4.8.2.2	M	☑
5l/20	48000 Hz	[1] 4.8.2.2	M	☑
5l/25	88200 Hz	[1] 4.8.2.2	O	☑
5l/26	96000 Hz	[1] 4.8.2.2	O	☑

Table 5m: Supported MPEG-D USAC Feature Interoperability Requirements in SNK

Prerequisite: A2DP 5/6 "MPEG-D USAC decoder"

Item	Capability	Reference	Support	Status	Comment
5m/1	Variable Bit Rate	[6] 4.8.2.4	M	☑	
5m/2	MPEG-D DRC	[6] 4.8.2.1	M	☑	

Table 12: SDP Attributes (Sink)

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
12/2	ProtocolDescriptorList	[1] 5.3	M	☑	
12/3	BluetoothProfileDescriptorList	[1] 5.3	M	☑	

Table 13: GAVDP Roles (Sink)

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
13/1	Initiator	[1] 5.1.1.1	O	☑	
13/2	Acceptor	[1] 5.1.1.1	M	☑	
13/3	Delay Reporting Initiator	[1] 5.1.1.2	C.1	☑	C.1: Excluded IF A2DP 7a/2 "A2DP 1.2", otherwise Mandatory.

Table 15a: AVDTP Capabilities (Initiator, Sink)

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
15a/1	Set configuration command	[1] 5.1.3	C.1	☑	C.1: Mandatory IF A2DP 13/1 "Initiator", otherwise not defined.

Table 15b: AVDTP Capabilities (Acceptor, Sink)

Prerequisite: A2DP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
15b/1	Set configuration response	[1] 5.1.3	M	☑	

Audio Input Control Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	AICS v1.0	[1] 2.1	M	☑	

Table 1: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Audio Input Control Service

Item	Capability	Reference	Support	Status	Comment
2/1	Audio Input State Characteristic	[1] 3.1	M	☑	
2/2	Gain Setting Properties Characteristic	[1] 3.2	M	☑	
2/3	Audio Input Type Characteristic	[1] 3.3	M	☑	
2/4	Audio Input Status Characteristic	[1] 3.4	M	☑	
2/5	Audio Input Control Point Characteristic	[1] 3.5	M	☑	
2/6	Audio Input Description Characteristic	[1] 3.6	M	☑	
2/7	Writeable Audio Input Description Characteristic	[1] 3.6	O	☑	
2/8	Notifiable Audio Input Description Characteristic	[1] 3.6	C.1	☑	C.1: Mandatory IF AICS 2/7 "Writeable Audio Input Description Characteristic", otherwise Optional.

Table 3: Audio Input Control Point Procedure Requirements

Item	Capability	Reference	Support	Status	Comment
3/1	Set Gain Setting	[1] 3.5.2.1	M	☑	
3/2	Unmute	[1] 3.5.2.2	M	☑	
3/3	Mute	[1] 3.5.2.3	M	☑	
3/4	Set Manual Gain Mode	[1] 3.5.2.4	M	☑	
3/5	Set Automatic Gain Mode	[1] 3.5.2.5	M	☑	

Table 4: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
4/1	Write Characteristic Value	[1] 1.4	M	☑	
4/2	Notifications	[1] 1.4	M	☑	
4/3	Read Characteristic Descriptors	[1] 1.4	M	☑	
4/4	Write Characteristic Descriptors	[1] 1.4	M	☑	
4/6	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF AICS 1/2 "Service supported over LE", otherwise not defined.

Table 5: SDP Requirements

Prerequisite: AICS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Audio Stream Control Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	ASCS v1.0	[1]	M	☑	

Table 1: X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
1/1	ASCS v1.0.1	[4]	O	☑	

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 3: Included Services

Item	Capability	Reference	Support	Status	Comment
3/1	Published Audio Capabilities Service		[1] 1.2	M	☑

Table 4: Features

Item	Capability	Reference	Support	Status	Comment

Table 5: Included Characteristics

Item	Capability	Reference	Support	Status	Comment
5/1	Sink ASE characteristic	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.
5/2	Source ASE characteristic	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.
5/3	ASE Control Point characteristic	[1] 4.2	M	☑	

Table 6: ASE Control Operations

Item	Capability	Reference	Support	Status	Comment
6/1	Config Codec	[1] 5.1	M	☑	
6/2	Config QoS	[1] 5.2	M	☑	
6/3	Enable	[1] 5.3	M	☑	
6/4	Receiver Start Ready	[1] 5.4	M	☑	
6/5	Disable	[1] 5.5	M	☑	
6/6	Receiver Stop Ready	[1] 5.6	C.1	☑	C.1: Mandatory IF ASCS 5/2 "Source ASE characteristic", otherwise Excluded.
6/7	Update Metadata	[1] 5.7	M	☑	
6/8	Release	[1] 5.8	M	☑	
6/9	Released	[1] 5.9	M	☑	

Table 7: Server-Initiated ASE Control Operations

Item	Capability	Reference	Support	Status	Comment
7/1	Autonomous Config Codec	[1] 5.1	O	☑	
7/2	Autonomous Receiver Start Ready	[1] 5.4	M	☑	
7/3	Autonomous Disable	[1] 5.5	O	☑	
7/4	Autonomous Update Metadata	[1] 5.7	O	☑	
7/5	Autonomous Release	[1] 5.8	O	☑	

Table 8: ASE State Transitions

Item	Capability	Reference	Support	Status	Comment
8/1	Released transition to Codec Configured state	[1] 5.9	C.1	☑	C.1: Mandatory to support at least one.
8/2	Released transition to Idle state	[1] 5.9	C.1	☑	C.1: Mandatory to support at least one.

Table 9: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
9/1	Write without Response	[1] 1.4	M	☑	
9/2	Write Characteristic Value	[1] 1.4	M	☑	
9/3	Write Long Characteristic Values	[1] 1.4	M	☑	
9/4	Notifications	[1] 1.4	M	☑	
9/5	Read Characteristic Descriptors	[1] 1.4	M	☑	
9/6	Write Characteristic Descriptors	[1] 1.4	M	☑	
9/9	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF ASCS 2/2 "Service supported over LE", otherwise not defined.

Table 10: SDP Requirements

Prerequisite: ASCS 2/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Attribute Protocol

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Attribute Protocol Client	[1] 2	O	☑	
1/2	Attribute Protocol Server	[1] 2	M	☑	

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/1	Unenhanced ATT bearer over BR/EDR	[1] 2	C.1, C.4	☑	C.1: Optional IF CORE 20/2 "BR/EDR Host Layers", otherwise Excluded. C.4: Mandatory to support at least one.
2/2	Unenhanced ATT bearer over LE	[1] 2	C.2, C.4	☑	C.2: Mandatory IF CORE 20/4 "LE Host Layers" AND ATT 7/1 "LE Connections", otherwise Excluded. C.4: Mandatory to support at least one.

Table 3: Attribute Protocol Client Messages

Prerequisite: ATT 1/1 "Attribute Protocol Client"

Item	Capability	Reference	Support	Status	Comment
3/1	Attribute Error Response	[1] 3.4.1.1	M	☑	
3/2	Exchange MTU Request	[1] 3.4.2.1	O	☑	
3/3	Exchange MTU Response	[1] 3.4.2.2	C.1	☑	C.1: Mandatory IF ATT 3/2 "Exchange MTU Request", otherwise Excluded.
3/4	Find Information Request	[1] 3.4.3.1	O	☑	

3/5	Find Information Response	[1] 3.4.3.2	C.9	☑	C.9: Mandatory IF ATT 3/4 "Find Information Request", otherwise Excluded.
3/6	Find by Type Value Request	[1] 3.4.3.3	O	☑	
3/7	Find by Type Value Response	[1] 3.4.3.4	C.2	☑	C.2: Mandatory IF ATT 3/6 "Find by Type Value Request", otherwise Excluded.
3/8	Read by Type Request	[1] 3.4.4.1	O	☑	
3/9	Read by Type Response	[1] 3.4.4.2	C.3	☑	C.3: Mandatory IF ATT 3/8 "Read by Type Request", otherwise Excluded.
3/10	Read Request	[1] 3.4.4.3	O	☑	
3/11	Read Response	[1] 3.4.4.4	C.10	☑	C.10: Mandatory IF ATT 3/10 "Read Request", otherwise Excluded.
3/12	Read Blob Request	[1] 3.4.4.5	O	☑	
3/13	Read Blob Response	[1] 3.4.4.6	C.4	☑	C.4: Mandatory IF ATT 3/12 "Read Blob Request", otherwise Excluded.
3/14	Read Multiple Request	[1] 3.4.4.7	O	☑	
3/15	Read Multiple Response	[1] 3.4.4.8	C.5	☑	C.5: Mandatory IF ATT 3/14 "Read Multiple Request", otherwise Excluded.
3/16	Read by Group Type Request	[1] 3.4.4.9	O	☑	
3/17	Read by Group Type Response	[1] 3.4.4.10	C.6	☑	C.6: Mandatory IF ATT 3/16 "Read by Group Type Request", otherwise Excluded.
3/18	Write Request	[1] 3.4.5.1	O	☑	
3/19	Write Response	[1] 3.4.5.2	C.7	☑	C.7: Mandatory IF ATT 3/18 "Write Request", otherwise Excluded.
3/20	Write Command	[1] 3.4.5.3	O	☑	
3/21	Signed Write Command	[1] 3.4.5.4	O	☑	
3/22	Prepare Write Request	[1] 3.4.6.1	O	☑	
3/23	Prepare Write Response	[1] 3.4.6.2	C.8	☑	C.8: Mandatory IF ATT 3/22 "Prepare Write Request", otherwise Excluded.
3/24	Execute Write Request	[1] 3.4.6.3	C.8	☑	C.8: Mandatory IF ATT 3/22 "Prepare Write Request", otherwise Excluded.
3/25	Execute Write Response	[1] 3.4.6.4	C.8	☑	C.8: Mandatory IF ATT 3/22 "Prepare Write Request", otherwise Excluded.
3/26	Handle Value Notification	[1] 3.4.7.1	C.22	☑	C.22: Mandatory IF ATT 2/3a "Enhanced ATT bearer over LE" OR ATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
3/27	Handle Value Indication	[1] 3.4.7.2	O	☑	
3/28	Handle Value Confirmation	[1] 3.4.7.3	C.24	☑	C.24: Mandatory IF ATT 3/27 "Handle Value Indication", otherwise Excluded.

Table 4: Attribute Protocol Server Messages

Prerequisite: ATT 1/2 "Attribute Protocol Server"

Item	Capability	Reference	Support	Status	Comment
4/1	Attribute Error Response	[1] 3.4.1.1	M	☑	
4/2	Exchange MTU Request	[1] 3.4.2.1	O	☑	

4/3	Exchange MTU Response	[1] 3.4.2.2	C.19	☑	C.19: Mandatory IF ATT 4/2 "Exchange MTU Request", otherwise Excluded.
4/4	Find Information Request	[1] 3.4.3.1	M	☑	
4/5	Find Information Response	[1] 3.4.3.2	M	☑	
4/6	Find by Type Value Request	[1] 3.4.3.3	M	☑	
4/7	Find by Type Value Response	[1] 3.4.3.4	M	☑	
4/8	Read by Type Request	[1] 3.4.4.1	M	☑	
4/9	Read by Type Response	[1] 3.4.4.2	M	☑	
4/10	Read Request	[1] 3.4.4.3	M	☑	
4/11	Read Response	[1] 3.4.4.4	M	☑	
4/12	Read Blob Request	[1] 3.4.4.5	C.6	☑	C.6: Mandatory IF ATT 2/3a "Enhanced ATT bearer over LE" OR ATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/13	Read Blob Response	[1] 3.4.4.6	C.1	☑	C.1: Mandatory IF ATT 4/12 "Read Blob Request", otherwise Excluded.
4/14	Read Multiple Request	[1] 3.4.4.7	O	☑	
4/15	Read Multiple Response	[1] 3.4.4.8	C.2	☑	C.2: Mandatory IF ATT 4/14 "Read Multiple Request", otherwise Excluded.
4/16	Read by Group Type Request	[1] 3.4.4.9	M	☑	
4/17	Read by Group Type Response	[1] 3.4.4.10	M	☑	
4/18	Write Request	[1] 3.4.5.1	C.6	☑	C.6: Mandatory IF ATT 2/3a "Enhanced ATT bearer over LE" OR ATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/19	Write Response	[1] 3.4.5.2	C.3	☑	C.3: Mandatory IF ATT 4/18 "Write Request", otherwise Excluded.
4/20	Write Command	[1] 3.4.5.3	C.6	☑	C.6: Mandatory IF ATT 2/3a "Enhanced ATT bearer over LE" OR ATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/21	Signed Write Command	[1] 3.4.5.3	O	☑	
4/22	Prepare Write Request	[1] 3.4.6.1	C.6	☑	C.6: Mandatory IF ATT 2/3a "Enhanced ATT bearer over LE" OR ATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/23	Prepare Write Response	[1] 3.4.6.2	C.4	☑	C.4: Mandatory IF ATT 4/22 "Prepare Write Request", otherwise Excluded.
4/24	Execute Write Request	[1] 3.4.6.3	C.4	☑	C.4: Mandatory IF ATT 4/22 "Prepare Write Request", otherwise Excluded.
4/25	Execute Write Response	[1] 3.4.6.4	C.4	☑	C.4: Mandatory IF ATT 4/22 "Prepare Write Request", otherwise Excluded.
4/26	Handle Value Notification	[1] 3.4.7.1	C.6	☑	C.6: Mandatory IF ATT 2/3a "Enhanced ATT bearer over LE" OR ATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/27	Handle Value Indication	[1] 3.4.7.2	O	☑	
4/28	Handle Value Confirmation	[1] 3.4.7.3	C.5	☑	C.5: Mandatory IF ATT 4/27 "Handle Value Indication", otherwise Excluded.

Table 6: L2CAP Requirements

Item	Capability	Reference	Support	Status	Comment
Table 7: GAP Requirements					
Item	Capability	Reference	Support	Status	Comment
7/1	LE Connections	[5] 4.4	C.1	☑	C.1: Mandatory IF ATT 7/2 "Peripheral" OR ATT 7/3 "Central", otherwise Excluded.
7/2	Peripheral	[5] 4.4	O	☑	
7/3	Central	[5] 4.4	O	☑	

Audio/Video Control Transport Protocol

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/4	AVCTP 1.4	AVCTP 1.4	M	☑	

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Controller	[1] 3.1	C.1	☑	C.1: Mandatory to support at least one.
1/2	Target	[1] 3.1	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Controller Features

Prerequisite: AVCTP 1/1 "Controller"

Item	Capability	Reference	Support	Status	Comment
2/2	Transaction label management	[1] 4.2, 6.1.1, 6.1.2	M	☑	
2/3	Packet type field management	[1] 4.3, 6.1.1, 6.1.2	M	☑	
2/4	Message type field management	[1] 4.5, 6.1.1, 6.1.2	M	☑	
2/5	PID field management	[1] 4.4, 6.1.1, 6.1.2	M	☑	
2/6	IPID field management	[1] 6.1.1, 6.1.2	M	☑	
2/7	Message information management	[1] 6.1, 6.2	M	☑	
2/8	Event registration for message reception	[1] 11.1	O	☑	
2/9	Event registration for connection request	[1] 11.1	O	☑	
2/10	Event registration for disconnection request	[1] 11.1	O	☑	
2/11	Connect request	[1] 11.2.1	O	☑	
2/12	Disconnect request	[1] 11.2.3	O	☑	
2/13	Send message	[1] 11.2.4	O	☑	

Table 3: Target Features

Prerequisite: AVCTP 1/2 "Target"

Item	Capability	Reference	Support	Status	Comment
3/2	Transaction label management	[1] 4.2, 6.1.1, 6.1.2	M	☑	
3/3	Packet type field management	[1] 4.3, 6.1.1, 6.1.2	M	☑	
3/4	Message type field management	[1] 4.5, 6.1.1, 6.1.2	M	☑	
3/5	PID field management	[1] 4.4, 6.1.1, 6.1.2	M	☑	
3/6	IPID field management	[1] 6.1.1, 6.1.2	M	☑	

3/7	Message information management	[1] 6.1, 6.2	M	☑
3/8	Event registration for message reception	[1] 11.1	O	☑
3/9	Event registration for connection request	[1] 11.1	O	☑
3/10	Event registration for disconnection request	[1] 11.1	O	☑
3/11	Connect request	[1] 11.2.1	O	☑
3/12	Disconnect request	[1] 11.2.2	O	☑
3/13	Send message	[1] 11.2.3	O	☑

Audio/Video Distribution Transport Protocol

Table 14a: X.Y Versions (Source)

Prerequisite: AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
15a/3	AVDTP v1.3	[3]	M	☑	

Table 15a: X.Y Versions (Sink)

Prerequisite: AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
15a/3	AVDTP v1.3	[3]	M	☑	

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Sink	[3] 4.2	C.1	☑	C.1: Mandatory to support at least one.
1/3	Initiator	[3] 4.3	C.2	☑	C.2: Mandatory to support at least one.
1/4	Acceptor	[3] 4.3	C.2	☑	C.2: Mandatory to support at least one.

Table 2: Signaling Message Format (Initiator, Source)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 3: Signaling Channel Establishment/Disconnection (Initiator, Source)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 4: Stream Discovery and Configuration (Initiator, Source)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 5: Stream Establishment, Suspension and Release (Initiator, Source)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 6: Security Signaling (Initiator, Source)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 7: Message Fragmentation (Initiator, Source)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 8: Signaling Message Format (Acceptor, Source)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 9: Signaling Channel Establishment/Disconnection (Acceptor, Source)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 10: Stream Discovery and Configuration (Acceptor, Source)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 11: Stream Establishment, Suspension and Release (Acceptor, Source)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 12: Security Signaling (Acceptor, Source)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 13: Message Fragmentation (Acceptor, Source)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 14: Source Capabilities

Prerequisite: AVDTP 1/1 "Source"

Item	Capability	Reference	Support	Status	Comment
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Table 2b: Signaling Message Format (Initiator, Sink)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
2b/1	Transaction Label	[3] 8.4.1	M	☒	
2b/2	Packet type	[3] 8.4.2	M	☒	
2b/3	Message type	[3] 8.4.3	M	☒	
2b/4	Signal identifier	[3] 8.4.4	M	☒	

Table 3b: Signaling Channel Establishment/Disconnection (Initiator, Sink)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
3b/1	Establish signaling channel	[3] 13.1	O	☒	
3b/2	Disconnect signaling channel	[3] 13.1	O	☒	

Table 4b: Stream Discovery and Configuration (Initiator, Sink)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
4b/1	Stream discover command	[3] 6.4, 6.6, 8.6, 13.1	O	☒	
4b/2	Stream get capabilities command	[3] 6.4, 6.7, 8.7, 13.1	C.2	☒	C.2: Mandatory IF AVDTP 4b/6 "Stream get all capabilities command", otherwise Optional.
4b/3	Set configuration command	[3] 6.4, 6.9, 8.9, 13.1	O	☒	
4b/6	Stream get all capabilities command	[3] 6.4, 6.8, 8.8, 13.1	O	☒	

Table 5b: Stream Establishment, Suspension and Release (Initiator, Sink)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
5b/1	Open stream command	[3] 6.4, 6.11, 8.12, 13.1	O	☑	
5b/2	Start stream command	[3] 6.4, 6.12, 8.13, 13.1	O	☑	
5b/3	Close stream command	[3] 6.4, 6.13, 8.14, 13.1	O	☑	
5b/5	Abort stream command	[3] 6.4, 6.17, 8.16, 13.1	O	☑	

Table 6b: Security Signaling (Initiator, Sink)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
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Table 7b: Message Fragmentation (Initiator, Sink)

Prerequisite: AVDTP 1/3 "Initiator" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
7b/1	Signaling message fragmentation	[3] 8.3	M	☑	

Table 8b: Signaling Message Format (Acceptor, Sink)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
8b/1	Transaction Label	[3] 8.4.1	M	☑	
8b/2	Packet type	[3] 8.4.2	M	☑	
8b/3	Message type	[3] 8.4.3	M	☑	
8b/4	Signal identifier	[3] 8.4.4	M	☑	

Table 9b: Signaling Channel Establishment/Disconnection (Acceptor, Sink)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
9b/1	Establish signaling channel	[3] 13.1	O	☑	
9b/2	Disconnect signaling channel	[3] 13.1	O	☑	

Table 10b: Stream Discovery and Configuration (Acceptor, Sink)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
10b/1	Stream discover response	[3] 6.4, 6.6, 8.6, 13.1	O	☑	
10b/2	Stream get capabilities response	[3] 6.4, 6.7, 8.7, 13.1	C.2	☑	C.2: Mandatory IF AVDTP 10b/6 "Stream get all capabilities response", otherwise Optional.
10b/3	Set configuration response	[3] 6.4, 6.9, 8.9, 13.1	O	☑	
10b/4	Get configuration response	[3] 6.4, 6.10, 8.10, 13.1	O	☑	
10b/6	Stream get all capabilities response	[3] 6.4, 6.8, 8.8, 13.1	O	☑	

Table 11b: Stream Establishment, Suspension and Release (Acceptor, Sink)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
11b/1	Open stream response	[3] 6.4, 6.11, 8.12, 13.1	O	☑	
11b/2	Start stream response	[3] 6.4, 6.12, 8.13, 13.1	O	☑	

11b/3	Close stream response	[3] 6.4, 6.13, 8.14, 13.1	O	☑
11b/4	Suspend response	[3] 6.4, 6.14, 8.15, 13.1	O	☑
11b/5	Abort stream response	[3] 6.4, 6.17, 8.16, 13.1	O	☑
11b/6	General reject message	[3] 8.18	O	☑

Table 12b: Security Signaling (Acceptor, Sink)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
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Table 13b: Message Fragmentation (Acceptor, Sink)

Prerequisite: AVDTP 1/4 "Acceptor" AND AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
13b/1	Signaling message fragmentation	[3] 8.3	M	☑	

Table 15: Sink Capabilities

Prerequisite: AVDTP 1/2 "Sink"

Item	Capability	Reference	Support	Status	Comment
15/1	Basic transport service support	[3] 7.2, 13.2	M	☑	

Table 16: Message Error Handling Capabilities

Item	Capability	Reference	Support	Status	Comment
16/1	Reporting Capability Error	[3] 8.20.6.2	M	☑	
16/3	General Reject Response Includes Signal ID	[3] 8.18	M	☑	

Table 17: Upper Test Interface

Item	Capability	Reference	Support	Status	Comment
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Table 18: L2CAP Requirements

Item	Capability	Reference	Support	Status	Comment
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Audio/Video Remote Control Profile

Table 2b: Controller - X.Y Versions

Prerequisite: AVRCP 1/1 "Controller"

Item	Capability	Reference	Support	Status	Comment
2b/5	AVRCP v1.6	[3]	C.1, C.2	☑	C.1: Mandatory to support one and only one. C.2: Can only be supported with an active X.Y.Z version after Deprecation. Deprecated 2021-02-01. Withdrawn 2024-02-01.

Table 2c: Controller - X.Y.Z Versions

Prerequisite: AVRCP 1/1 "Controller"

Item	Capability	Reference	Support	Status	Comment
2c/4	AVRCP v1.6.3	[7]	C.1	☑	C.1: Mandatory to support one and only one IF AVRCP 2b/5 "AVRCP v1.6", otherwise Excluded.

Table 7b: Target - X.Y Versions

Prerequisite: AVRCP 1/2 "Target"

Item	Capability	Reference	Support	Status	Comment
7b/5	AVRCP v1.6	[3]	C.1, C.2	☑	C.1: Mandatory to support one and only one. C.2: Can only be supported with an active X.Y.Z version after Deprecation. Deprecated 2021-02-01. Withdrawn 2024-02-01.

Table 7c: Target - X.Y.Z Versions

Prerequisite: AVRCP 1/2 "Target"

Item	Capability	Reference	Support	Status	Comment
7c/9	AVRCP v1.6.3	[7]	C.1	☑	C.1: Mandatory to support one and only one IF AVRCP 7b/5 "AVRCP v1.6", otherwise Excluded.

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Controller	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one.
1/2	Target	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Controller Features

Prerequisite: AVRCP 1/1 "Controller"

Item	Capability	Reference	Support	Status	Comment
2/1	Initiating connection establishment for control	[1] 4.1.1	M	☑	
2/2	Accepting connection establishment for control initiated by TG	[1] 4.1.1	M	☑	
2/3	Initiating connection release for control	[1] 4.1.2	M	☑	
2/4	Accepting connection release for control initiated by TG	[1] 4.1.2	M	☑	
2/7	Sending PASS THROUGH command in category 1	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one.
2/8	Sending PASS THROUGH command in category 2	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one.
2/11	Get Capabilities	[1] 6.4.1	O	☑	
2/22	Register Notification	[1] 6.7.2	C.11	☑	C.11: Mandatory IF AVRCP 2/20 "Get Element Attributes" OR AVRCP 2/49 "Absolute Volume", otherwise Optional.
2/49	Absolute Volume	[1] 6.13	C.3	☑	C.3: Mandatory IF AVRCP 2/8 "Sending PASS THROUGH command in category 2", otherwise Excluded.
2/50	SetAbsoluteVolume	[1] 6.13.2	C.3	☑	C.3: Mandatory IF AVRCP 2/8 "Sending PASS THROUGH command in category 2", otherwise Excluded.
2/51	NotifyVolumeChange	[1] 6.13.3	C.3	☑	C.3: Mandatory IF AVRCP 2/8 "Sending PASS THROUGH command in category 2", otherwise Excluded.
2/52	Discoverable Mode	[1] 12.1	M	☑	

Table 3: operation_id of category 1 for CT

Prerequisite: AVRCP 2/7 "Sending PASS THROUGH command in category 1"

Item	Capability	Reference	Support	Status	Comment
3/19	play	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.
3/20	stop	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.
3/21	pause	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.
3/23	rewind	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.
3/24	fast forward	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.
3/26	forward	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.
3/27	backward	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.

Table 4: operation_id of category 2 for CT

Prerequisite: AVRCP 2/8 "Sending PASS THROUGH command in category 2"

Item	Capability	Reference	Support	Status	Comment
4/19	volume up	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.
4/20	volume down	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one item.

Table 5: operation_id of category 3 for CT

Prerequisite: AVRCP 2/9 "Sending PASS THROUGH command in category 3"

Item	Capability	Reference	Support	Status	Comment
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Table 6: operation_id of category 4 for CT

Prerequisite: AVRCP 2/10 "Sending PASS THROUGH command in category 4"

Item	Capability	Reference	Support	Status	Comment
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Table 7: Target Features

Prerequisite: AVRCP 1/2 "Target"

Item	Capability	Reference	Support	Status	Comment
7/1	Initiating connection establishment for control	[1] 4.1.1	O	☑	
7/2	Accepting connection establishment for control initiated by CT	[1] 4.1.1	M	☑	
7/3	Initiating connection release for control	[1] 4.1.2	M	☑	
7/4	Accepting connection release for control initiated by CT	[1] 4.1.2	M	☑	
7/5	Receiving UNIT INFO command	[1] 4.1.3	M	☑	
7/6	Receiving SUBUNIT INFO command	[1] 4.1.3	M	☑	
7/8	Receiving PASS THROUGH command in category 2	[1] 4.1.3	C.1	☑	C.1: Mandatory to support at least one.
7/11	Get Capabilities Response	[1] 6.4.1	C.3	☑	C.3: Mandatory IF AVRCP 7/7 "Receiving PASS THROUGH command in category 1", otherwise Optional.
7/22	Register Notification Response	[1] 6.7.2	C.12	☑	C.12: Mandatory IF AVRCP 7/7 "Receiving PASS THROUGH command in category 1" OR (AVRCP 7/8 "Receiving PASS THROUGH command in category 2" AND AVRCP 7/60 "Absolute Volume") OR AVRCP 7/9 "Receiving PASS THROUGH command in category 3", otherwise Optional.
7/23	Notify Event Response: PLAYBACK_STATUS_CHANGED	[1] 6.7.2	C.4	☑	C.4: Mandatory IF AVRCP 7/22 "Register Notification Response" AND AVRCP 7/20 "Get Element Attributes Response", otherwise Optional.
7/24	Notify Event Response: TRACK_CHANGED	[1] 6.7.2	C.4	☑	C.4: Mandatory IF AVRCP 7/22 "Register Notification Response" AND AVRCP 7/20 "Get Element Attributes Response", otherwise Optional.
7/60	Absolute Volume	[1] 6.13	C.5	☑	C.5: Mandatory IF AVRCP 7/8 "Receiving PASS THROUGH command in category 2", otherwise Excluded.
7/61	SetAbsoluteVolume	[1] 6.13.2	C.5	☑	C.5: Mandatory IF AVRCP 7/8 "Receiving PASS THROUGH command in category 2", otherwise Excluded.
7/62	NotifyVolumeChange	[1] 6.13.3	C.5	☑	C.5: Mandatory IF AVRCP 7/8 "Receiving PASS THROUGH command in category 2", otherwise Excluded.
7/65	Discoverable Mode	[1] 12.1	M	☑	

Table 8: operation_id of category 1 for TG

Prerequisite: AVRCP 7/7 "Receiving PASS THROUGH command in category 1"

Item	Capability	Reference	Support	Status	Comment
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Table 9: operation_id of category 2 for TG

Prerequisite: AVRCP 7/8 "Receiving PASS THROUGH command in category 2"

Item	Capability	Reference	Support	Status	Comment
9/19	Volume up	[1] 4.1.3	M	☒	
9/20	Volume down	[1] 4.1.3	M	☒	

Table 10: operation_id of category 3 for TG

Prerequisite: AVRCP 7/9 "Receiving PASS THROUGH command in category 3"

Item	Capability	Reference	Support	Status	Comment
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Table 11: operation_id of category 4 for TG

Prerequisite: AVRCP 7/10 "Receiving PASS THROUGH command in category 4"

Item	Capability	Reference	Support	Status	Comment
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Table 12: Requirements towards the Generic Access Profile (CT)

Prerequisite: AVRCP 1/1 "Controller"

Item	Capability	Reference	Support	Status	Comment
12/1	General discoverable mode	[1] 12.1	M	☒	

Table 13: Requirements towards the Generic Access Profile (TG)

Prerequisite: AVRCP 1/2 "Target"

Item	Capability	Reference	Support	Status	Comment
13/1	General discoverable mode	[1] 12.1	M	☒	

Table 14: OBEX Operations (AVRCP CT, OBEX Client)

Prerequisite: AVRCP 1/1 "Controller"

Item	Capability	Reference	Support	Status	Comment
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Table 15: OBEX Operations (AVRCP TG, OBEX Server)

Prerequisite: AVRCP 1/2 "Target"

Item	Capability	Reference	Support	Status	Comment
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Basic Audio Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Unicast Server	[1] 3.1	C.1	☒	C.1: Mandatory to support at least one.
1/2	Unicast Client	[1] 3.1	C.1	☒	C.1: Mandatory to support at least one.
1/3	Broadcast Source	[1] 3.1	C.1	☒	C.1: Mandatory to support at least one.
1/4	Broadcast Sink	[1] 3.1	C.1	☒	C.1: Mandatory to support at least one.
1/5	Scan Delegator	[1] 3.1	C.1, C.2	☒	C.1: Mandatory to support at least one. C.2: Mandatory IF BAP 1/4 "Broadcast Sink", otherwise Excluded.
1/6	Broadcast Assistant	[1] 3.1	C.1	☒	C.1: Mandatory to support at least one.

Table 3: Device Configuration Requirements

Item	Capability	Reference	Support	Status	Comment
3/2	BR/EDR/LE	[1] 2.6	C.1	☒	C.1: Mandatory to support one and only one.

Table 93: LC3 Decoder Features

Item	Capability	Reference	Support	Status	Comment
93/1	Narrow Band (8 kHz)	[1] 3.5.2, 3.6.7, 3.8.2	O	☑	
93/2	Wideband (16 kHz)	[1] 3.5.2, 3.6.7, 3.8.2	C.1	☑	C.1: Mandatory IF (BAP 1/1 "Unicast Server" AND BAP 8/1 "Audio Sink") OR (BAP 1/2 "Unicast Client" AND BAP 29/1 "Audio Sink") OR BAP 1/4 "Broadcast Sink", otherwise Optional.
93/3	Semi-Superwideband (24 kHz)	[1] 3.5.2, 3.6.7, 3.8.2	C.1	☑	C.1: Mandatory IF (BAP 1/1 "Unicast Server" AND BAP 8/1 "Audio Sink") OR (BAP 1/2 "Unicast Client" AND BAP 29/1 "Audio Sink") OR BAP 1/4 "Broadcast Sink", otherwise Optional.
93/4	Superwideband (32 kHz)	[1] 3.5.2, 3.6.7, 3.8.2	O	☑	
93/5	Full Band (44.1 kHz)	[1] 3.5.2, 3.6.7, 3.8.2	O	☑	
93/6	Full Band (48 kHz)	[1] 3.5.2, 3.6.7, 3.8.2	O	☑	

Table 94: LC3 Decoder Frame Interval

Item	Capability	Reference	Support	Status	Comment
94/1	7.5 ms	[1] 3.5.2, 3.6.7, 3.8.2	O	☑	
94/2	10 ms	[1] 3.5.2, 3.6.7, 3.8.2	C.1	☑	C.1: Mandatory IF (BAP 1/1 "Unicast Server" AND BAP 8/1 "Audio Sink") OR (BAP 1/2 "Unicast Client" AND BAP 29/1 "Audio Sink") OR BAP 1/4 "Broadcast Sink", otherwise Optional.

Table 95: LC3 Encoder Features

Item	Capability	Reference	Support	Status	Comment
95/1	Narrow Band (8 kHz)	[1] 3.5.2, 3.6.7, 3.7.1	O	☑	
95/2	Wideband (16 kHz)	[1] 3.5.2, 3.6.7, 3.7.1	C.1	☑	C.1: Mandatory IF (BAP 1/1 "Unicast Server" AND BAP 8/2 "Audio Source") OR (BAP 1/2 "Unicast Client" AND BAP 29/2 "Audio Source") OR BAP 1/3 "Broadcast Source" , otherwise Optional.
95/3	Semi-Superwideband (24 kHz)	[1] 3.5.2, 3.6.7, 3.7.1	O	☑	
95/4	Superwideband (32 kHz)	[1] 3.5.2, 3.6.7, 3.7.1	O	☑	
95/5	Full Band (44.1 kHz)	[1] 3.5.2, 3.6.7, 3.7.1	O	☑	
95/6	Full Band (48 kHz)	[1] 3.5.2, 3.6.7, 3.7.1	O	☑	

Table 96: LC3 Encoder Frame Interval

Item	Capability	Reference	Support	Status	Comment
96/1	7.5 ms	[1] 3.5.2, 3.6.7, 3.7.1	O	☑	
96/2	10 ms	[1] 3.5.2, 3.6.7, 3.7.1	C.1	☑	C.1: Mandatory IF (BAP 1/1 "Unicast Server" AND BAP 8/2 "Audio Source") OR (BAP 1/2 "Unicast Client" AND BAP 29/2 "Audio Source") OR BAP 1/3 "Broadcast Source" , otherwise Optional.

Table 4: Unicast Server, X.Y Versions

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
4/1	BAP v1.0	[1]	M	☑	

Table 5: Unicast Server, X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
5/3	Erratum 19096	[10]	C.3	☑	C.3: Mandatory IF BAP 4/1 "BAP v1.0" OR BAP 5/1 "BAP v1.0.1", otherwise Excluded.
5/4	BAP v1.0.2	[12]	C.4	☑	C.4: Optional to support one and only one.

Table 6: Unicast Server: Services Included

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
6/2	ASCS supported over LE	[1] 3.2	C.1	☑	C.1: Mandatory to support at least one.
6/4	PACS supported over LE	[1] 3.2	C.2	☑	C.2: Mandatory to support at least one.

Table 7: Unicast Server: Feature Support

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
7/1	ASCS UUID in AD	[1] 3.5.3	M	☑	
7/6	Autonomous Disable	[1] 5.6	O	☑	
7/8	Autonomous Release	[1] 5.6	O	☑	
7/9	General Announcement	[1] 3.5.3	C.2	☑	C.2: Mandatory to support at least one.
7/10	Targeted Announcement	[1] 3.5.3	C.2	☑	C.2: Mandatory to support at least one.

Table 8: Audio Role Requirements: Unicast Server

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
8/1	Audio Sink	[1] 3.3	C.1	☑	C.1: Mandatory to support at least one.
8/2	Audio Source	[1] 3.3	C.1	☑	C.1: Mandatory to support at least one.

Table 9: Published Audio Capabilities Service Characteristic Support Requirements

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
9/1	Sink PAC characteristic	[1] 3.5.2	C.1	☑	C.1: Mandatory IF BAP 8/1 "Audio Sink", otherwise Excluded.
9/2	Sink Audio Locations characteristic	[1] 3.5.3	C.3	☑	C.3: Optional IF BAP 8/1 "Audio Sink", otherwise Excluded.
9/3	Source PAC characteristic	[1] 3.5.2	C.2	☑	C.2: Mandatory IF BAP 8/2 "Audio Source", otherwise Excluded.
9/5	Available Audio Contexts characteristic	[1] 5.4	M	☑	
9/6	Supported Audio Contexts characteristic	[1] 5.4	M	☑	
9/7	Multiple Sink Audio Locations	[1] 4	C.3	☑	C.3: Optional IF BAP 8/1 "Audio Sink", otherwise Excluded.

Table 9a: CIS Establishment Requirements: Unicast Server

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
9a/1	Sink ASE - Enabling, Source ASE - Enabling	[10] 5.6.9.1	C.1	☑	C.1: Mandatory IF BAP 8/1 "Audio Sink" AND BAP 8/2 "Audio Source", otherwise Excluded.
9a/2	Sink ASE - Enabling, Source ASE - QoS Configured	[10] 5.6.9.1	C.1	☑	C.1: Mandatory IF BAP 8/1 "Audio Sink" AND BAP 8/2 "Audio Source", otherwise Excluded.
9a/3	Sink ASE - Enabling, Source ASE - Not Bound	[10] 5.6.9.1	C.2	☑	C.2: Mandatory IF BAP 8/1 "Audio Sink", otherwise Excluded.

9a/4	Sink ASE - QoS Configured, Source ASE - Enabling	[10] 5.6.9.1	C.1	☑	C.1: Mandatory IF BAP 8/1 "Audio Sink" AND BAP 8/2 "Audio Source", otherwise Excluded.
9a/7	Sink ASE - Not bound, Source ASE - Enabling	[10] 5.6.9.1	C.5	☑	C.5: Mandatory IF BAP 8/2 "Audio Source", otherwise Excluded.

Table 10: Codec Specific Capabilities LTV Structures: Unicast Server

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
10/1	Supported Sampling Frequencies	[1] 4.3.1	M	☑	
10/2	Supported Frame Durations	[1] 4.3.1	M	☑	
10/3	Supported Octets per Codec Frame	[1] 4.3.1	M	☑	

Table 11: Metadata LTV Structures: Unicast Server

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
11/2	Streaming_Audio_Contexts	[1] 4.3.3	M	☑	

Table 12: Audio Capability Support Settings: Unicast Server is Audio Sink

Prerequisite: BAP 8/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
12/1	8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets	[1] 3.5.2	C.1	☑	C.1: Optional IF BAP 93/1 "Narrow Band (8 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
12/2	8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets	[1] 3.5.2	C.2	☑	C.2: Optional IF BAP 93/1 "Narrow Band (8 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
12/3	16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets	[1] 3.5.2	C.3	☑	C.3: Optional IF BAP 93/2 "Wideband (16 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
12/4	16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets	[1] 3.5.2	M	☑	
12/5	24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets	[1] 3.5.2	C.4	☑	C.4: Optional IF BAP 93/3 "Semi-Superwideband (24 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
12/6	24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets	[1] 3.5.2	M	☑	
12/7	32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets	[1] 3.5.2	C.5	☑	C.5: Optional IF BAP 93/4 "Superwideband (32 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
12/8	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets	[1] 3.5.2	C.6	☑	C.6: Optional IF BAP 93/4 "Superwideband (32 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
12/11	48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets	[1] 3.5.2	C.9	☑	C.9: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
12/12	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[1] 3.5.2	C.10	☑	C.10: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
12/13	48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets	[1] 3.5.2	C.9	☑	C.9: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
12/14	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[1] 3.5.2	C.10	☑	C.10: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
12/15	48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets	[1] 3.5.2	C.9	☑	C.9: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
12/16	48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets	[1] 3.5.2	C.10	☑	C.10: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.

Table 13: Audio Capability Support Settings: Unicast Server is Audio Source

Prerequisite: BAP 8/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
13/1	8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets	[1] 3.5.2	C.1	☑	C.1: Optional IF BAP 95/1 "Narrow Band (8 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
13/2	8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets	[1] 3.5.2	C.2	☑	C.2: Optional IF BAP 95/1 "Narrow Band (8 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
13/3	16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets	[1] 3.5.2	C.3	☑	C.3: Optional IF BAP 95/2 "Wideband (16 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
13/4	16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets	[1] 3.5.2	M	☑	
13/5	24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets	[1] 3.5.2	C.4	☑	C.4: Optional IF BAP 95/3 "Semi-Superwideband (24 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
13/6	24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets	[1] 3.5.2	C.5	☑	C.5: Optional IF BAP 95/3 "Semi-Superwideband (24 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
13/7	32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets	[1] 3.5.2	C.6	☑	C.6: Optional IF BAP 95/4 "Superwideband (32 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
13/8	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets	[1] 3.5.2	C.7	☑	C.7: Optional IF BAP 95/4 "Superwideband (32 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
13/11	48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets	[1] 3.5.2	C.10	☑	C.10: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
13/12	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[1] 3.5.2	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
13/13	48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets	[1] 3.5.2	C.10	☑	C.10: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
13/14	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[1] 3.5.2	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
13/15	48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets	[1] 3.5.2	C.10	☑	C.10: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
13/16	48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets	[1] 3.5.2	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.

Table 14: QoS Configuration: LC3 Low Latency: Unicast Server is Audio Sink

Prerequisite: BAP 8/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
14/1	8_1_1 LC3: 7500 SDU Interval, unframed, 26 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.1	☑	C.1: Optional IF BAP 12/1 "8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets", otherwise Excluded.
14/2	8_2_1 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 12/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
14/3	16_1_1 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.3	☑	C.3: Optional IF BAP 12/3 "16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets", otherwise Excluded.
14/4	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	M	☑	
14/5	24_1_1 LC3: 7500 SDU Interval, unframed, 45 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.4	☑	C.4: Mandatory IF BAP 12/5 "24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets", otherwise Excluded.
14/6	24_2_1 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 12/6 "24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets", otherwise Excluded.
14/7	32_1_1 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.6	☑	C.6: Optional IF BAP 12/7 "32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets", otherwise Excluded.

14/8	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.7	☑	C.7: Optional IF BAP 12/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
14/11	48_1_1 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[1] 5.6.2	C.10	☑	C.10: Optional IF BAP 12/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
14/12	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Optional IF BAP 12/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
14/13	48_3_1 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[1] 5.6.2	C.12	☑	C.12: Optional IF BAP 12/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.
14/14	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.13	☑	C.13: Optional IF BAP 12/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
14/15	48_5_1 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[1] 5.6.2	C.14	☑	C.14: Optional IF BAP 12/15 "48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets", otherwise Excluded.
14/16	48_6_1 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.15	☑	C.15: Optional IF BAP 12/16 "48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets", otherwise Excluded.

Table 15: QoS Configuration: LC3 Low Latency: Unicast Server is Audio Source

Prerequisite: BAP 8/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
15/1	8_1_1 LC3: 7500 SDU Interval, unframed, 26 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.1	☑	C.1: Optional IF BAP 13/1 "8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets", otherwise Excluded.
15/2	8_2_1 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 13/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
15/3	16_1_1 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.3	☑	C.3: Optional IF BAP 13/3 "16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets", otherwise Excluded.
15/4	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	M	☑	
15/5	24_1_1 LC3: 7500 SDU Interval, unframed, 45 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.4	☑	C.4: Mandatory IF BAP 13/5 "24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets", otherwise Excluded.
15/6	24_2_1 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 13/6 "24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets", otherwise Excluded.
15/7	32_1_1 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 5.6.2	C.6	☑	C.6: Optional IF BAP 13/7 "32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets", otherwise Excluded.
15/8	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.7	☑	C.7: Optional IF BAP 13/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
15/11	48_1_1 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[1] 5.6.2	C.10	☑	C.10: Optional IF BAP 13/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
15/12	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Optional IF BAP 13/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
15/13	48_3_1 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[1] 5.6.2	C.12	☑	C.12: Optional IF BAP 13/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.

15/14	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.13	☑	C.13: Optional IF BAP 13/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
15/15	48_5_1 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[1] 5.6.2	C.14	☑	C.14: Optional IF BAP 13/15 "48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets", otherwise Excluded.
15/16	48_6_1 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.15	☑	C.15: Optional IF BAP 13/16 "48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets", otherwise Excluded.

Table 16: QoS Configuration: LC3 High Reliability: Unicast Server is Audio Sink

Prerequisite: BAP 8/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
16/1	8_1_2 LC3: 7500 SDU Interval, unframed, 26 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.1	☑	C.1: Optional IF BAP 12/1 "8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets", otherwise Excluded.
16/2	8_2_2 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 12/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
16/3	16_1_2 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.3	☑	C.3: Optional IF BAP 12/3 "16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets", otherwise Excluded.
16/4	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	M	☑	
16/5	24_1_2 LC3: 7500 SDU Interval, unframed, 45 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.4	☑	C.4: Optional IF BAP 12/5 "24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets", otherwise Excluded.
16/6	24_2_2 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	M	☑	
16/7	32_1_2 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 12/7 "32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets", otherwise Excluded.
16/8	32_2_2 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.6	☑	C.6: Optional IF BAP 12/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
16/11	48_1_2 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.9	☑	C.9: Optional IF BAP 12/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
16/12	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.10	☑	C.10: Optional IF BAP 12/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
16/13	48_3_2 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Optional IF BAP 12/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.
16/14	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[1] 5.6.2	C.12	☑	C.12: Optional IF BAP 12/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
16/15	48_5_2 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.13	☑	C.13: Optional IF BAP 12/15 "48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets", otherwise Excluded.
16/16	48_6_2 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[1] 5.6.2	C.14	☑	C.14: Optional IF BAP 12/16 "48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets", otherwise Excluded.

Table 17: QoS Configuration: LC3 High Reliability: Unicast Server is Audio Source

Prerequisite: BAP 8/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
17/1	8_1_2 LC3: 7500 SDU Interval, unframed, 26 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.1	☑	C.1: Optional IF BAP 13/1 "8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets", otherwise Excluded.
17/2	8_2_2 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 13/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
17/3	16_1_2 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.3	☑	C.3: Optional IF BAP 13/3 "16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets", otherwise Excluded.
17/4	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.4	☑	C.4: Optional IF BAP 13/4 "16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets", otherwise Excluded.
17/5	24_1_2 LC3: 7500 SDU Interval, unframed, 45 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 13/5 "24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets", otherwise Excluded.
17/6	24_2_2 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.6	☑	C.6: Optional IF BAP 13/6 "24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets", otherwise Excluded.
17/7	32_1_2 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.7	☑	C.7: Optional IF BAP 13/7 "32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets", otherwise Excluded.
17/8	32_2_2 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.8	☑	C.8: Optional IF BAP 13/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
17/11	48_1_2 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Optional IF BAP 13/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
17/12	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.12	☑	C.12: Optional IF BAP 13/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
17/13	48_3_2 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.13	☑	C.13: Optional IF BAP 13/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.
17/14	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[1] 5.6.2	C.14	☑	C.14: Optional IF BAP 13/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
17/15	48_5_2 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[1] 5.6.2	C.15	☑	C.15: Optional IF BAP 13/15 "48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets", otherwise Excluded.
17/16	48_6_2 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[1] 5.6.2	C.16	☑	C.16: Optional IF BAP 13/16 "48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets", otherwise Excluded.

Table 18: QoS Configuration: Vendor-Specific Codec: Unicast Server is Audio Sink

Prerequisite: BAP 8/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
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Table 19: QoS Configuration: Vendor-Specific Codec: Unicast Server is Audio Source

Prerequisite: BAP 8/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
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Table 20: LC3 Audio Configuration: Unicast Server

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
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20/1	AC 1: 1 Server, 1 Sink ASE, 1 Channel/Sink, 1 CIS, 1 Audio Stream	[1] 4.4.1	C.1	✓	C.1: Mandatory IF BAP 8/1 "Audio Sink", otherwise Excluded.
20/2	AC 2: 1 Server, 1 Source ASE, 1 Channel/Source, 1 CIS, 1 Audio Stream	[1] 4.4.2	C.2	✓	C.2: Mandatory IF BAP 8/2 "Audio Source", otherwise Excluded.
20/3	AC 3: 1 Server, 1 Sink ASE, 1 Channel/Sink, 1 CIS, 2 Audio Streams	[1] 4.4.3	C.3	✓	C.3: Mandatory IF BAP 8/1 "Audio Sink" AND BAP 8/2 "Audio Source", otherwise Excluded.
20/6	AC 6i: 1 Server, 2 Sink ASEs, 1 Channel/Sink, 2 CISes, 2 Audio Streams	[1] 4.4.6	C.6	✓	C.6: Mandatory IF BAP 8/1 "Audio Sink" AND BAP 9/7 "Multiple Sink Audio Locations", otherwise Excluded.
20/7	AC 7i: 1 Server, 1 Sink ASE, 1 Source ASE, 1 Channel/Sink, 1 Channel/Source, 2 CISes, 2 Audio Streams	[1] 4.4.8	C.3	✓	C.3: Mandatory IF BAP 8/1 "Audio Sink" AND BAP 8/2 "Audio Source", otherwise Excluded.

Table 21: Supported Sink Context Requirements: Unicast Server

Prerequisite: BAP 8/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
21/1	Unspecified	[1] 3.5.2.1	M	✓	

Table 22: Supported Source Context Requirements: Unicast Server

Prerequisite: BAP 8/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
22/1	Unspecified	[1] 3.5.2.1	M	✓	

Table 23: GAP Requirements: Unicast Server

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
23/1	Peripheral	[1] 2.5	M	✓	
23/2	Bondable mode (LE)	[1] 9.1.1	M	✓	
23/3	Bondable mode (BR/EDR)	[1] 8.2.1	C.2	✓	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
23/4	Bonding procedure	[1] 9.1.1	M	✓	
23/5	LE security mode 1	[1] 9.1.1	M	✓	
23/6	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 9.1.1	M	✓	
23/8	Security mode 4, level 2	[1] 9.2	C.2	✓	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
23/9	128-bit encryption key size capable (BR/EDR)	[1] 9.2	C.2	✓	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
23/10	Minimum 128 Bit entropy key (LE)	[1] 9.1	M	✓	
23/11	Derivation of BR/EDR Link Key from LE LTK	[1] 9.1.1, 9.2	C.8	✓	C.8: Mandatory to support at least one IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
23/13	CoD Major Service Class bit 14	[1] 8.2.3	C.2	✓	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
23/15	General discoverable mode (BR/EDR)	[1] 8.2.1	C.6	✓	C.6: Mandatory to support at least one IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
23/16	Initiation of general bonding	[1] 8.2.2	C.2	✓	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
23/18	LE Secure Connections	[1] 9.1	C.7	✓	C.7: Mandatory to support at least one.

Table 25: LL Requirements: Unicast Server

Prerequisite: BAP 1/1 "Unicast Server"

Item	Capability	Reference	Support	Status	Comment
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25/1	LE Encryption	[1] 3.4	M	☑
25/2	LE Extended Advertising	[1] 3.4	M	☑
25/3	Connected Isochronous Stream - Peripheral	[1] 3.4	M	☑

Table 26: Unicast Client, X.Y Versions

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
26/1	BAP v1.0	[1]	M	☑	

Table 27: Unicast Client, X.Y.Z Versions

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
27/4	Erratum 19096	[10]	C.2	☑	C.2: Mandatory IF BAP 26/1 "BAP v1.0" OR BAP 27/2 "BAP v1.0.1", otherwise Excluded.
27/5	BAP v1.0.2	[12]	C.3	☑	C.3: Optional to support one and only one.

Table 28: Unicast Client: Client Services Support

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
28/2	Discover ASCS over LE	[1] 3.2	C.1	☑	C.1: Mandatory to support at least one.
28/4	Discover PACS over LE	[1] 3.2	C.2	☑	C.2: Mandatory to support at least one.

Table 29: Audio Role Requirements: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
29/1	Audio Sink	[1] 3.3	C.1	☑	C.1: Mandatory to support at least one.
29/2	Audio Source	[1] 3.3	C.1	☑	C.1: Mandatory to support at least one.

Table 30: Feature Support: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
30/3	Two Audio Channels	[1] 4	O	☑	

Table 31: Audio Stream Control Service Characteristic Support Requirements

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
31/1	Sink ASE Characteristic discovery	[1] 3.6.4	C.2	☑	C.2: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.
31/2	Source ASE Characteristic discovery	[1] 3.6.4	C.1	☑	C.1: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
31/3	ASE Control Point Characteristic discovery	[1] 3.6.4	M	☑	
31/4	Audio Stream Control Service Discovery	[1] 3.6.3	M	☑	
31/5	Audio Stream Control Service Characteristic Discovery	[1] 3.6.3	M	☑	
31/6	Sink ASE_ID Discovery	[1] 5.3	C.2	☑	C.2: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.
31/7	Source ASE_ID Discovery	[1] 5.3	C.1	☑	C.1: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.

Table 32: Published Audio Capabilities Service Characteristic Support Requirements

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
32/1	Sink PAC characteristic	[1] 3.6.4	C.1	☑	C.1: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.
32/2	Sink Audio Locations characteristic	[1] 3.6.4	C.1	☑	C.1: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.
32/3	Source PAC characteristic	[1] 3.6.4	C.2	☑	C.2: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
32/4	Source Audio Locations characteristic	[1] 3.6.4	C.2	☑	C.2: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
32/5	Available Audio Contexts characteristic	[1] 3.6.4	M	☑	
32/6	Supported Audio Contexts characteristic	[1] 3.6.4	M	☑	
32/7	Published Audio Capabilities Service Discovery	[1] 3.6.3	M	☑	
32/8	Published Audio Capabilities Service Characteristic Discovery	[1] 3.6.3	M	☑	
32/10	Available Audio Contexts discovery	[1] 5.5	M	☑	

Table 33: ASE Control Operations Requirements: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
33/1	Codec configuration	[1] 5.6.1	M	☑	
33/2	QoS configuration	[1] 5.6.2	M	☑	
33/3	Enabling an ASE	[1] 5.6.3	M	☑	
33/4	Receiver Start Ready	[1] 5.6.3.2	C.1	☑	C.1: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
33/6	Disabling an ASE	[1] 5.6.5	M	☑	
33/7	Receiver Stop Ready	[1] 5.6.5.1	C.1	☑	C.1: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
33/8	Releasing an ASE	[1] 5.6.6	M	☑	

Table 33a: CIS Establishment Requirements: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
33a/1	Sink ASE - Enabling, Source ASE - Enabling	[10] 5.6.9.2	C.1	☑	C.1: Mandatory to support at least one IF BAP 29/1 "Audio Sink" AND BAP 29/2 "Audio Source", otherwise Excluded.
33a/3	Sink ASE - Enabling, Source ASE - Not Bound	[10] 5.6.9.2	C.2	☑	C.2: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
33a/7	Sink ASE - Not bound, Source ASE - Enabling	[10] 5.6.9.2	C.5	☑	C.5: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.

Table 34: Codec Specific Configuration LTV Structures: Unicast Client

Prerequisite: BAP 29/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
34/1	Sampling_Frequency	[1] 4.3.2	M	☑	
34/2	Frame_Duration	[1] 4.3.2	M	☑	
34/4	Octets_Per_Codec_Frame	[1] 4.3.2	M	☑	

Table 35: Metadata LTV Structures: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
35/1	Streaming_Audio_Contexts	[1] 4.3.3	M	☑	

Table 36: Audio Capability Configuration Support Settings: Unicast Client is Audio Sink

Prerequisite: BAP 29/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
36/2	8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets	[1] 3.6.7	C.2	☑	C.2: Optional IF BAP 93/1 "Narrow Band (8 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
36/4	16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets	[1] 3.6.7	M	☑	
36/6	24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets	[1] 3.6.7	C.11	☑	C.11: Optional IF BAP 93/3 "Semi-Superwideband (24 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
36/8	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets	[1] 3.6.7	C.6	☑	C.6: Optional IF BAP 93/4 "Superwideband (32 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
36/12	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[1] 3.6.7	C.10	☑	C.10: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.

Table 37: Audio Capability Configuration Support Settings: Unicast Client is Audio Source

Prerequisite: BAP 29/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
37/2	8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets	[1] 3.6.7	C.2	☑	C.2: Optional IF BAP 95/1 "Narrow Band (8 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
37/4	16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets	[1] 3.6.7	M	☑	
37/6	24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets	[1] 3.6.7	C.5	☑	C.5: Optional IF BAP 95/3 "Semi-Superwideband (24 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
37/8	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets	[1] 3.6.7	C.7	☑	C.7: Optional IF BAP 95/4 "Superwideband (32 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
37/12	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[1] 3.6.7	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
37/14	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[1] 3.6.7	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.

Table 38: QoS Configuration: LC3 Low Latency: Unicast Client is Audio Sink

Prerequisite: BAP 29/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
38/2	8_2_1 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 36/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
38/4	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	M	☑	
38/6	24_2_1 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 36/6 "24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets", otherwise Excluded.
38/8	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.7	☑	C.7: Optional IF BAP 36/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
38/12	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Optional IF BAP 36/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.

Table 39: QoS Configuration: LC3 Low Latency: Unicast Client is Audio Source

Prerequisite: BAP 29/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
39/2	8_2_1 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 37/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.

39/4	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	M	☑	
39/6	24_2_1 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 37/6 "24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets", otherwise Excluded.
39/8	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 5.6.2	C.7	☑	C.7: Optional IF BAP 37/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
39/12	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Optional IF BAP 37/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
39/14	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[1] 5.6.2	C.13	☑	C.13: Optional IF BAP 37/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.

Table 40: QoS Configuration: LC3 High Reliability: Unicast Client is Audio Sink

Prerequisite: BAP 29/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
40/2	8_2_2 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 36/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
40/4	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.16	☑	C.16: Optional IF BAP 36/4 "16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets", otherwise Excluded.
40/6	24_2_2 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 36/6 "24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets", otherwise Excluded.
40/8	32_2_2 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.7	☑	C.7: Optional IF BAP 36/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
40/12	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Mandatory IF BAP 36/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.

Table 41: QoS Configuration: LC3 High Reliability: Unicast Client is Audio Source

Prerequisite: BAP 29/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
41/2	8_2_2 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 37/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
41/4	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.15	☑	C.15: Optional IF BAP 37/4 "16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets", otherwise Excluded.
41/6	24_2_2 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.16	☑	C.16: Optional IF BAP 37/6 "24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets", otherwise Excluded.
41/8	32_2_2 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.6	☑	C.6: Optional IF BAP 37/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
41/12	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[1] 5.6.2	C.10	☑	C.10: Mandatory IF BAP 37/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.

41/14	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[1] 5.6.2	C.12	☑	C.12: Mandatory IF BAP 37/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
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Table 42: QoS Configuration: Vendor-Specific Codec: Unicast Client is Audio Sink

Prerequisite: BAP 29/1 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
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Table 43: QoS Configuration: Vendor-Specific Codec: Unicast Client is Audio Source

Prerequisite: BAP 29/2 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
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Table 44: LC3 Audio Configuration: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
44/1	AC 1: 1 Server, 1 Sink ASE, 1 Channel/Sink, 1 CIS, 1 Audio Stream	[1] 4.4.1	C.1	☑	C.1: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.
44/2	AC 2: 1 Server, 1 Source ASE, 1 Channel/Source, 1 CIS, 1 Audio Stream	[1] 4.4.2	C.2	☑	C.2: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
44/3	AC 3: 1 Server, 1 Sink ASE, 1 Channel/Sink, 1 CIS, 2 Audio Streams	[1] 4.4.3	C.3	☑	C.3: Mandatory IF BAP 29/1 "Audio Sink" AND BAP 29/2 "Audio Source", otherwise Excluded.
44/4	AC 4: 1 Server, 1 Sink ASE, 2 Channels/Sink, 1 CIS, 1 Audio Stream	[1] 4.4.4	C.4	☑	C.4: Optional IF BAP 29/2 "Audio Source" AND BAP 30/3 "Two Audio Channels", otherwise Excluded.
44/6	AC 6i: 1 Server, 2 Sink ASEs, 1 Channel/Sink, 2 CISes, 2 Audio Streams	[1] 4.4.6	C.1	☑	C.1: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.
44/7	AC 6ii: 2 Servers, 2 Sink ASEs, 1 Channel/Sink, 2 CISes, 2 Audio Streams	[1] 4.4.7	C.1	☑	C.1: Mandatory IF BAP 29/2 "Audio Source", otherwise Excluded.
44/9	AC 7ii: 2 Servers, 1 Sink ASE, 1 Source ASE, 1 Channel/Sink, 1 Channel/Source, 2 CISes, 2 Audio Streams	[1] 4.4.9	C.3	☑	C.3: Mandatory IF BAP 29/1 "Audio Sink" AND BAP 29/2 "Audio Source", otherwise Excluded.
44/12	AC 9i: 1 Server, 2 Source ASEs, 1 Channel/Source, 2 CISes, 2 Audio Streams	[1] 4.4.12	C.2	☑	C.2: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.
44/13	AC 9ii: 2 Servers, 2 Source ASEs, 1 Channel/Source, 2 CISes, 2 Audio Streams	[1] 4.4.13	C.2	☑	C.2: Mandatory IF BAP 29/1 "Audio Sink", otherwise Excluded.

Table 45: GATT Requirements: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
45/1	Discover All Primary Services	[1] 3.6.2	C.1	☑	C.1: Mandatory to support at least one.
45/2	Discover Primary Services by Service UUID	[1] 3.6.2	C.1	☑	C.1: Mandatory to support at least one.
45/4	Discover All Characteristics of a Service	[1] 3.6.2	C.2	☑	C.2: Mandatory to support at least one.
45/5	Discover Characteristics by UUID	[1] 3.6.2	C.2	☑	C.2: Mandatory to support at least one.
45/6	Discover All Characteristic Descriptors	[1] 3.6.2	M	☑	
45/7	Read Characteristic Value	[1] 3.5.2	M	☑	
45/8	Write without Response	[1] 3.6.2	M	☑	
45/9	Write Characteristic Value	[1] 3.6.2	M	☑	
45/10	Write Long Characteristic Values	[1] 3.6.2	M	☑	
45/11	Notifications	[1] 3.6.2	M	☑	

45/12	Read Characteristic Descriptors	[1] 3.6.2	M	☑
45/13	Write Characteristic Descriptors	[1] 3.6.2	M	☑
45/14	Exchange MTU	[1] 3.6.2	M	☑

Table 46: GAP Requirements: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
46/1	Central	[1] 2.5	M	☑	
46/2	Bondable mode (LE)	[1] 9.1.2	M	☑	
46/3	Bonding procedure	[1] 9.1.2	M	☑	
46/4	LE security mode 1	[1] 9.1.2	M	☑	
46/5	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 9.1.2	M	☑	
46/7	Security mode 4, level 2	[1] 9.2	C.3	☑	C.3: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
46/8	128-bit encryption key size capable (BR/EDR)	[1] 9.2	C.3	☑	C.3: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
46/9	Minimum 128 Bit entropy key (LE)	[1] 9.1	M	☑	
46/10	Derivation of BR/EDR Link Key from LE LTK	[1] 9.1.2, 9.2	C.7	☑	C.7: Mandatory to support at least one IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
46/12	CoD Major Service Class bit 14	[1] 8.2.3	C.3	☑	C.3: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
46/14	LE Secure Connections	[1] 9.1	C.6	☑	C.6: Mandatory to support at least one.

Table 48: LL Requirements: Unicast Client

Prerequisite: BAP 1/2 "Unicast Client"

Item	Capability	Reference	Support	Status	Comment
48/1	LE Encryption	[1] 3.4	M	☑	
48/2	LE Extended Advertising	[1] 3.4	M	☑	
48/3	Connected Isochronous Stream - Central	[1] 3.4	M	☑	

Table 49: Broadcast Source, X.Y Versions

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
49/1	BAP v1.0	[1]	M	☑	

Table 50: Broadcast Source, X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
50/2	BAP v1.0.2	[12]	C.1	☑	C.1: Optional to support one and only one.

Table 51: Broadcast Source: Service Support Requirements

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
51/1	Broadcast Audio Stream Metadata Update	[1] 6.3.3	O	☑	
51/3	Broadcast Audio Stream Establishment	[1] 6.3.2	M	☑	
51/4	Broadcast Audio Stream Disable	[1] 6.3.4	M	☑	

51/5	Broadcast Audio Stream Release	[1] 6.3.5	M	☑
51/6	Broadcast Audio Announcement Service UUID	[1] 3.7.2.1	M	☑

Table 52: Codec Specific Configuration LTV Structures: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
52/1	Sampling_Frequency	[1] 4.3.2	M	☑	
52/2	Frame_Duration	[1] 4.3.2	M	☑	
52/4	Octets_Per_Codec_Frame	[1] 4.3.2	M	☑	

Table 53: Metadata LTV Structures: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
53/1	Streaming_Audio_Contexts	[1] 6.3.3	M	☑	

Table 54: Audio Capability Configuration Support Settings: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
54/4	16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets	[1] 3.7.1	M	☑	
54/11	48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets	[1] 3.7.1	C.10	☑	C.10: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
54/12	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[1] 3.7.1	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
54/13	48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets	[1] 3.7.1	C.10	☑	C.10: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
54/14	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[1] 3.7.1	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.
54/15	48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets	[1] 3.7.1	C.10	☑	C.10: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/1 "7.5 ms", otherwise Excluded.
54/16	48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets	[1] 3.7.1	C.11	☑	C.11: Optional IF BAP 95/6 "Full Band (48 kHz)" AND BAP 96/2 "10 ms", otherwise Excluded.

Table 55: QoS Requirements: LC3 Low Latency: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
55/4	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 6.3	M	☑	
55/11	48_1_1 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[1] 6.3	C.10	☑	C.10: Optional IF BAP 54/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
55/12	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[1] 6.3	C.11	☑	C.11: Optional IF BAP 54/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
55/13	48_3_1 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[1] 6.3	C.12	☑	C.12: Optional IF BAP 54/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.
55/14	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[1] 6.3	C.13	☑	C.13: Optional IF BAP 54/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.

Table 56: QoS Configuration: LC3 High Reliability: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
56/4	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 6.3	M	☑	
56/6	24_2_2 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 6.3	M	☑	
56/11	48_1_2 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[1] 6.3	C.9	☑	C.9: Optional IF BAP 54/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
56/12	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[1] 6.3	C.10	☑	C.10: Optional IF BAP 54/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
56/13	48_3_2 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[1] 6.3	C.11	☑	C.11: Optional IF BAP 54/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.
56/14	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[1] 6.3	C.12	☑	C.12: Optional IF BAP 54/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
56/15	48_5_2 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[1] 6.3	C.13	☑	C.13: Optional IF BAP 54/15 "48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets", otherwise Excluded.
56/16	48_6_2 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[1] 6.3	C.14	☑	C.14: Optional IF BAP 54/16 "48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets", otherwise Excluded.

Table 57: QoS Configuration: Vendor-Specific Codec: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
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Table 58: LC3 Audio Configuration: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
58/1	AC12: 1 BIS, Single Audio Channel/BIS, 1 Audio Stream	[1] 4.5.1	M	☑	
58/2	AC13: 2 BISes, Single Audio Channel/BIS, 2 Audio Streams	[1] 4.5.2	M	☑	

Table 59: Supported Sink Context Requirements: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
59/1	Unspecified	[1] 3.7.2.2	M	☑	

Table 60: GAP Requirements: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
60/1	Broadcaster	[1] 2.5	M	☑	
60/2	LE security mode 3 level 1	[1] 9.1.3	M	☑	
60/3	LE security mode 3 level 2	[1] 9.1.3	C.1	☑	C.1: Mandatory IF BAP 61/6 "Encrypted Broadcast Isochronous Stream", otherwise not defined.
60/5	CoD Major Service Class bit 14	[1] 8.2.3	C.3	☑	C.3: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise Excluded.

Table 61: Link Layer Requirements: Broadcast Source

Prerequisite: BAP 1/3 "Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
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61/1	LE Encryption	[1] 3.4	C.1	☑	C.1: Mandatory IF BAP 61/6 "Encrypted Broadcast Isochronous Stream", otherwise not defined.
61/2	LE Extended Advertising	[1] 3.4	M	☑	
61/3	LE Periodic Advertising	[1] 3.4	M	☑	
61/4	Isochronous Broadcaster	[1] 3.4	M	☑	
61/5	Unencrypted Broadcast Isochronous Stream	[1] 3.4	C.2	☑	C.2: Mandatory to support at least one.
61/6	Encrypted Broadcast Isochronous Stream	[1] 3.4	C.2	☑	C.2: Mandatory to support at least one.

Table 62: Broadcast Sink, X.Y Versions

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
62/1	BAP v1.0	[1]	M	☑	

Table 63: Broadcast Sink, X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
63/3	BAP v1.0.2	[12]	C.3	☑	C.3: Optional to support one and only one.

Table 64: Broadcast Sink: Support Requirements

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
64/2	PACS supported over LE	[1] 3.2	C.1	☑	C.1: Mandatory to support at least one.

Table 65: Codec Specific Capabilities LTV Structures: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
65/1	Supported Sampling Frequencies	[1] 4.3.1	M	☑	
65/2	Supported Frame Durations	[1] 4.3.1	M	☑	
65/3	Supported Octets per Codec Frame	[1] 4.3.1	M	☑	
65/4	Supported Audio Channel Counts	[1] 4.3.1	M	☑	
65/5	Supported Max Codec Frames Per SDU	[1] 4.3.1	M	☑	

Table 66: Codec Specific Audio Capability Support: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
66/1	Multiple Audio Locations	[1] 4.5	O	☑	
66/2	Two Audio Channels	[1] 4.5	O	☑	

Table 67: Metadata LTV Structures: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
67/2	Streaming_Audio_Contexts	[1] 4.3.3	M	☑	

Table 68: Audio Capability Support Settings: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment

68/1	8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets	[1] 3.8.2	C.1	☑	C.1: Optional IF BAP 93/1 "Narrow Band (8 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
68/2	8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets	[1] 3.8.2	C.2	☑	C.2: Optional IF BAP 93/1 "Narrow Band (8 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
68/3	16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets	[1] 3.8.2	C.3	☑	C.3: Optional IF BAP 93/2 "Wideband (16 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
68/4	16_2 LC3: 16 kHz Sampling Frequency, 10 ms Frame Duration, 40 Octets	[1] 3.8.2	M	☑	
68/5	24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets	[1] 3.8.2	C.4	☑	C.4: Optional IF BAP 93/3 "Semi-Superwideband (24 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
68/6	24_2 LC3: 24 kHz Sampling Frequency, 10 ms Frame Duration, 60 Octets	[1] 3.8.2	M	☑	
68/7	32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets	[1] 3.8.2	C.5	☑	C.5: Optional IF BAP 93/4 "Superwideband (32 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
68/8	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets	[1] 3.8.2	C.6	☑	C.6: Optional IF BAP 93/4 "Superwideband (32 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
68/11	48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets	[1] 3.8.2	C.9	☑	C.9: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
68/12	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[1] 3.8.2	C.10	☑	C.10: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
68/13	48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets	[1] 3.8.2	C.9	☑	C.9: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
68/14	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[1] 3.8.2	C.10	☑	C.10: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.
68/15	48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets	[1] 3.8.2	C.9	☑	C.9: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/1 "7.5 ms", otherwise Excluded.
68/16	48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets	[1] 3.8.2	C.10	☑	C.10: Optional IF BAP 93/6 "Full Band (48 kHz)" AND BAP 94/2 "10 ms", otherwise Excluded.

Table 69: QoS Requirements: LC3 Low Latency: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
69/1	8_1_1 LC3: 7500 SDU Interval, unframed, 26 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 6.3	C.1	☑	C.1: Optional IF BAP 68/1 "8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets", otherwise Excluded.
69/2	8_2_1 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 6.3	C.2	☑	C.2: Optional IF BAP 68/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
69/3	16_1_1 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 6.3	C.3	☑	C.3: Optional IF BAP 68/3 "16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets", otherwise Excluded.
69/4	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 6.3	M	☑	
69/5	24_1_1 LC3: 7500 SDU Interval, unframed, 45 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 6.3	C.4	☑	C.4: Mandatory IF BAP 68/5 "24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets", otherwise Excluded.
69/6	24_2_1 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 6.3	M	☑	
69/7	32_1_1 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 8 Max_Transport_Latency	[1] 6.3	C.5	☑	C.5: Optional IF BAP 68/7 "32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets", otherwise Excluded.

69/8	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 6.3	C.6	☑	C.6: Optional IF BAP 68/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
69/11	48_1_1 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[1] 6.3	C.9	☑	C.9: Optional IF BAP 68/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
69/12	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[1] 6.3	C.10	☑	C.10: Optional IF BAP 68/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
69/13	48_3_1 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[1] 6.3	C.11	☑	C.11: Optional IF BAP 68/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.
69/14	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[1] 6.3	C.12	☑	C.12: Optional IF BAP 68/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
69/15	48_5_1 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[1] 6.3	C.13	☑	C.13: Optional IF BAP 68/15 "48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets", otherwise Excluded.
69/16	48_6_1 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[1] 6.3	C.14	☑	C.14: Optional IF BAP 68/16 "48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets", otherwise Excluded.

Table 70: QoS Configuration: LC3 High Reliability: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
70/1	8_1_2 LC3: 7500 SDU Interval, unframed, 26 Max SDU Size, 4 RTN, 45 Max_Transport_Latency	[1] 5.6.2	C.1	☑	C.1: Optional IF BAP 68/1 "8_1 LC3: 8 kHz Sampling Frequency, 7.5 ms Frame Duration, 26 Octets", otherwise Excluded.
70/2	8_2_2 LC3: 10000 SDU Interval, unframed, 30 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 5.6.2	C.2	☑	C.2: Optional IF BAP 68/2 "8_2 LC3: 8 kHz Sampling Frequency, 10 ms Frame Duration, 30 Octets", otherwise Excluded.
70/3	16_1_2 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 4 RTN, 45 Max_Transport_Latency	[1] 5.6.2	C.3	☑	C.3: Optional IF BAP 68/3 "16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets", otherwise Excluded.
70/4	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 5.6.2	M	☑	
70/5	24_1_2 LC3: 7500 SDU Interval, unframed, 45 Max SDU Size, 4 RTN, 45 Max_Transport_Latency	[1] 5.6.2	C.4	☑	C.4: Optional IF BAP 68/5 "24_1 LC3: 24 kHz Sampling Frequency, 7.5 ms Frame Duration, 45 Octets", otherwise Excluded.
70/6	24_2_2 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 5.6.2	M	☑	
70/7	32_1_2 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 4 RTN, 45 Max_Transport_Latency	[1] 5.6.2	C.5	☑	C.5: Optional IF BAP 68/7 "32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets", otherwise Excluded.
70/8	32_2_2 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 5.6.2	C.6	☑	C.6: Optional IF BAP 68/8 "32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets", otherwise Excluded.
70/11	48_1_2 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[1] 5.6.2	C.9	☑	C.9: Optional IF BAP 68/11 "48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets", otherwise Excluded.
70/12	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[1] 5.6.2	C.10	☑	C.10: Optional IF BAP 68/12 "48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets", otherwise Excluded.
70/13	48_3_2 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[1] 5.6.2	C.11	☑	C.11: Optional IF BAP 68/13 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise Excluded.

70/14	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[1] 5.6.2	C.12	☑	C.12: Optional IF BAP 68/14 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise Excluded.
70/15	48_5_2 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[1] 5.6.2	C.13	☑	C.13: Optional IF BAP 68/15 "48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets", otherwise Excluded.
70/16	48_6_2 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[1] 5.6.2	C.14	☑	C.14: Optional IF BAP 68/16 "48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets", otherwise Excluded.

Table 71: QoS Configuration: Vendor-Specific Codec: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
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Table 72: LC3 Audio Configuration: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
72/1	AC12: 1 BIS, Single Audio Channel/BIS, 1 Audio Stream	[1] 4.5.1	M	☑	
72/2	AC13: 2 BISes, Single Audio Channel/BIS, 2 Audio Streams	[1] 4.5.2	C.1	☑	C.1: Mandatory IF BAP 66/1 "Multiple Audio Locations", otherwise Excluded.
72/3	AC14: 1 BIS, Multiple Audio Channels/BIS, 1 Audio Stream	[1] 4.5.3	C.2	☑	C.2: Mandatory IF BAP 66/1 "Multiple Audio Locations" AND BAP 66/2 "Two Audio Channels", otherwise Excluded.

Table 73: Supported Sink Context Requirements: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
73/1	Unspecified	[1] 4	M	☑	
73/3	Media	[1] 4	O	☑	

Table 74: GAP Requirements: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
74/1	Observer	[1] 2.5	M	☑	
74/3	Peripheral	[1] 2.5	M	☑	
74/4	Bondable mode (LE)	[1] 9.1.1, 9.1.2	M	☑	
74/5	Bondable mode (BR/EDR)	[1] 8.2.1	C.6	☑	C.6: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
74/6	Bonding procedure	[1] 9.1.1, 9.1.2	M	☑	
74/7	LE security mode 1	[1] 9.1.1, 9.1.2	M	☑	
74/8	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 9.1.1, 9.1.2	M	☑	
74/10	LE security mode 3 level 1	[1] 9.1.4	C.4	☑	C.4: Mandatory IF BAP 74/1 "Observer", otherwise not defined.
74/11	LE security mode 3 level 2	[1] 9.1.4	C.4	☑	C.4: Mandatory IF BAP 74/1 "Observer", otherwise not defined.
74/13	Security mode 4, level 2	[1] 9.2	C.6	☑	C.6: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.

74/14	128-bit encryption key size capable (BR/EDR)	[1] 9.2	C.6	☑	C.6: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
74/15	Minimum 128 Bit entropy key (LE)	[1] 9.1	M	☑	
74/16	Derivation of BR/EDR Link Key from LE LTK	[1] 9.1.1, 9.2	C.11	☑	C.11: Mandatory to support at least one IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
74/18	CoD Major Service Class bit 14	[1] 8.2.3	C.6	☑	C.6: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
74/20	General discoverable mode (BR/EDR)	[1] 8.2.1	C.9	☑	C.9: Mandatory to support at least one IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
74/22	LE Secure Connections	[1] 9.1	C.10	☑	C.10: Mandatory to support at least one.

Table 76: LL Requirements: Broadcast Sink

Prerequisite: BAP 1/4 "Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
76/1	LE Encryption	[1] 3.4	M	☑	
76/2	LE Extended Advertising	[1] 3.4	M	☑	
76/3	LE Periodic Advertising	[1] 3.4	M	☑	
76/4	Synchronized Receiver	[1] 3.4	M	☑	

Table 77: Scan Delegator, X.Y Versions

Prerequisite: BAP 1/5 "Scan Delegator"

Item	Capability	Reference	Support	Status	Comment
77/1	BAP v1.0	[1]	M	☑	

Table 78: Scan Delegator, X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
78/3	BAP v1.0.2	[12]	C.3	☑	C.3: Optional to support one and only one.

Table 79: Scan Delegator: Support Requirements

Prerequisite: BAP 1/5 "Scan Delegator"

Item	Capability	Reference	Support	Status	Comment
79/2	BASS supported over LE	[1] 3.2	C.1	☑	C.1: Mandatory to support at least one.

Table 80: GAP Requirements: Scan Delegator

Prerequisite: BAP 1/5 "Scan Delegator"

Item	Capability	Reference	Support	Status	Comment
80/1	Peripheral	[1] 2.5	M	☑	
80/3	Bondable mode (LE)	[1] 9.1.1, 9.1.2	M	☑	
80/4	Bondable mode (BR/EDR)	[1] 8.2.1	C.2	☑	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
80/5	LE security mode 1	[1] 9.1.1, 9.1.2	M	☑	
80/6	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 9.1.1, 9.1.2	M	☑	
80/8	Security mode 4, level 2	[1] 9.2	C.2	☑	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
80/9	128-bit encryption key size capable (BR/EDR)	[1] 9.2	C.2	☑	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.

80/10	Minimum 128 Bit entropy key (LE)	[1] 9.1	M	☑	
80/11	Derivation of BR/EDR Link Key from LE LTK	[1] 9.1.1, 9.1.2, 9.2	C.11	☑	C.11: Mandatory to support at least one IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
80/19	CoD Major Service Class bit 14	[1] 8.2.3	C.2	☑	C.2: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
80/21	LE Secure Connections	[1] 9.1	C.10	☑	C.10: Mandatory to support at least one.

Table 82: LL Requirements: Scan Delegator Role

Prerequisite: BAP 1/5 "Scan Delegator"

Item	Capability	Reference	Support	Status	Comment
82/1	LE Encryption	[1] 3.4	M	☑	
82/2	LE Extended Advertising	[1] 3.4	M	☑	
82/3	LE Periodic Advertising	[1] 3.4	M	☑	

Table 83: Broadcast Assistant, X.Y Versions

Prerequisite: BAP 1/6 "Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
83/1	BAP v1.0	[1]	M	☑	

Table 84: Broadcast Assistant, X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
84/3	BAP v1.0.2	[12]	C.3	☑	C.3: Optional to support one and only one.

Table 85: Broadcast Assistant: Support Requirements

Prerequisite: BAP 1/6 "Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
85/2	BASS supported over LE	[1] 3.2	C.1	☑	C.1: Mandatory to support at least one.
85/4	PACS supported over LE	[1] 3.2	O	☑	

Table 86: Broadcast Audio Scan Service Characteristic Support Requirements

Prerequisite: BAP 1/6 "Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
86/1	Broadcast Audio Scan Control Point characteristic	[1] 3.10.4	M	☑	
86/2	Broadcast Receive State characteristic	[1] 3.10.4	M	☑	
86/3	Broadcast Audio Scan Service discovery	[1] 3.10.3	M	☑	
86/4	Broadcast Audio Scan Service characteristic discovery	[1] 3.10.3	M	☑	

Table 87: Published Audio Capabilities Service Characteristic Support Requirements

Prerequisite: BAP 85/3 "PACS supported over BR/EDR" OR BAP 85/4 "PACS supported over LE"

Item	Capability	Reference	Support	Status	Comment
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Table 88: Broadcast Audio Scan Service Operation Support Requirements

Prerequisite: BAP 1/6 "Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
88/3	Add Source operation	[1] 6.5.4	O	☑	
88/6	Set Broadcast Code operation	[1] 6.5.7	M	☑	
88/7	Remove Source operation	[1] 6.5.8	O	☑	

Table 89: GATT Requirements: Broadcast Assistant

Prerequisite: BAP 1/6 "Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
89/1	Discover All Primary Services	[1] 3.10.2	C.1	☑	C.1: Mandatory to support at least one.
89/4	Discover All Characteristics of a Service	[1] 3.10.2	C.2	☑	C.2: Mandatory to support at least one.
89/6	Discover All Characteristic Descriptors	[1] 3.10.2	M	☑	
89/7	Read Characteristic Value	[1] 3.10.2	M	☑	
89/8	Write Characteristic Value	[1] 3.10.2	M	☑	
89/9	Write without Response	[1] 3.10.2	M	☑	
89/10	Notifications	[1] 3.10.2	M	☑	
89/11	Read Characteristic Descriptors	[1] 3.10.2	M	☑	
89/12	Write Characteristic Descriptors	[1] 3.10.2	M	☑	
89/13	Exchange MTU	[1] 3.10.2	M	☑	

Table 90: GAP Requirements: Broadcast Assistant

Prerequisite: BAP 1/6 "Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
90/3	Central	[1] 2.5	M	☑	
90/4	Bondable mode (LE)	[1] 9.1.1, 9.1.2	M	☑	
90/5	Bonding procedure	[1] 9.1.1, 9.1.2	M	☑	
90/6	LE security mode 1	[1] 9.1.1, 9.1.2	M	☑	
90/7	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 9.1.1, 9.1.2	M	☑	
90/9	Security mode 4, level 2	[1] 9.2	C.3	☑	C.3: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
90/10	128-bit encryption key size capable (BR/EDR)	[1] 9.2	C.3	☑	C.3: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
90/11	Minimum 128 Bit entropy key (LE)	[1] 9.1	M	☑	
90/12	Derivation of BR/EDR Link Key from LE LTK	[1] 9.1.1, 9.1.2, 9.2	C.10	☑	C.10: Mandatory to support at least one IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
90/18	CoD Major Service Class bit 14	[1] 8.2.3	C.3	☑	C.3: Mandatory IF BAP 3/2 "BR/EDR/LE", otherwise not defined.
90/20	LE Secure Connections	[1] 9.1	C.9	☑	C.9: Mandatory to support at least one.

Table 92: LL Requirements: Broadcast Assistant

Prerequisite: BAP 1/6 "Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
92/1	LE Encryption	[1] 3.4	M	☑	
92/2	LE Extended Advertising	[1] 3.4	M	☑	
92/3	LE Periodic Advertising	[1] 3.4	M	☑	

Broadcast Audio Scan Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	BASS v1.0	[1]	M	☑	

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 3: Broadcast Audio Scan Service

Item	Capability	Reference	Support	Status	Comment
3/1	Broadcast Audio Scan Control Point Characteristic	[1] 3.1	M	☑	
3/2	Broadcast Receive State Characteristic	[1] 3.2	M	☑	

Table 4: Broadcast Audio Scan Control Point

Item	Capability	Reference	Support	Status	Comment
4/5	Set Broadcast Code	[1] 3.1.1.6	M	☑	

Table 5: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
5/1	Write without Response	[1] 1.4	M	☑	
5/2	Write Characteristic Value	[1] 1.4	M	☑	
5/3	Notifications	[1] 1.4	M	☑	
5/4	Read Characteristic Descriptors	[1] 1.4	M	☑	
5/5	Write Characteristic Descriptors	[1] 1.4	M	☑	
5/8	GATT Server over LE	[1] 1.4	C.3	☑	C.3: Mandatory IF BASS 2/2 "Service supported over LE", otherwise not defined.

Table 6: SDP Requirements

Prerequisite: BASS 2/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Baseband

Table 1: Physical Channel

Item	Capability	Reference	Support	Status	Comment
1/1	Frequency band and 79 RF channels	[1] 2.1	M	☑	
1/2	Adaptive Frequency Hopping Kernel	[1] 2.6	M	☑	

Table 1a: Modulation

Item	Capability	Reference	Support	Status	Comment
1a/1	Support for GFSK modulation	[2] 3.1	M	☑	
1a/2	Support for π /4-DQPSK modulation	[2] 3.2	O	☑	

1a/3	Support for 8DPSK modulation	[2] 3.2	C.2	☑	C.2: Optional IF BB 1a/2 "Support for $\pi/4$ -DQPSK modulation", otherwise not defined.
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Table 2: Link Types

Item	Capability	Reference	Support	Status	Comment
2/1	ACL link	[1] 5.2	M	☑	
2/2	SCO link	[1] 5.4	O	☑	
2/3	eSCO link	[1] 4.3	O	☑	
2/4	Enhanced Data Rate ACL links	[1] 6.5.4	C.1	☑	C.1: Mandatory IF LMP 2b/1 "EDR for asynchronous transports (single slot)" OR LMP 2b/2 "EDR for asynchronous transports (multi-slot)", otherwise Excluded.
2/5	Enhanced Data Rate eSCO links	[1] 6.5.3	C.2	☑	C.2: Mandatory IF LMP 2b/3 "EDR for synchronous transports (Core 3.0 or later)", otherwise Excluded.
2/7	ACL with AES-CCM and MIC	[4] 8.3.2	C.4	☑	C.4: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)", otherwise Excluded.
2/8	eSCO with AES-CCM	[4] 8.3.1	C.5	☑	C.5: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)" AND BB 2/3 "eSCO link", otherwise Excluded.

Table 3: SCO and eSCO Link Support

Item	Capability	Reference	Support	Status	Comment
3/1	SCO links to same Peripheral	[1] 4.3	C.1	☑	C.1: Mandatory to support at least one IF BB 2/2 "SCO link", otherwise Excluded.
3/2	SCO links to different Peripherals	[1] 4.3	C.3	☑	C.3: Optional IF BB 2/2 "SCO link", otherwise Excluded.
3/3	SCO links from same Central	[1] 4.3	C.1	☑	C.1: Mandatory to support at least one IF BB 2/2 "SCO link", otherwise Excluded.
3/4	SCO links from different Centrals	[1] 4.3	C.3	☑	C.3: Optional IF BB 2/2 "SCO link", otherwise Excluded.
3/5	eSCO links to same Peripheral	[1] 4.2	C.2	☑	C.2: Mandatory to support at least one IF BB 2/3 "eSCO link", otherwise Excluded.
3/7	eSCO links from same Central	[1] 4.2	C.2	☑	C.2: Mandatory to support at least one IF BB 2/3 "eSCO link", otherwise Excluded.

Table 3a: Profile Broadcast Data Link Support

Prerequisite: BB 2/6 "Profile Broadcast Data Link"

Item	Capability	Reference	Support	Status	Comment
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Table 4: Common Packet Types

Item	Capability	Reference	Support	Status	Comment
4/1	ID packet type	[1] 6.5.1, 6.5.1.1	M	☑	
4/2	NULL packet type	[1] 6.5.1, 6.5.1.2	M	☑	
4/3	POLL packet type	[1] 6.5.1, 6.5.1.3	M	☑	
4/4	FHS packet type	[1] 6.5.1, 6.5.1.4	M	☑	
4/5	DM1 packet type	[1] 6.5.1, 6.5.1.5, 6.5.4, 6.5.4.1	M	☑	

Table 5: ACL Packet Types

Item	Capability	Reference	Support	Status	Comment
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5/1	DH1 packet type	[1] 6.5.4, 6.5.4.2	M	☑	
5/2	DM3 packet type	[1] 6.5.4, 6.5.4.3	C.1	☑	C.1: Mandatory IF BB 9c/1 "Synchronization Train" OR BB 9c/2 "Synchronization Scan", otherwise Optional.
5/3	DH3 packet type	[1] 6.5.4, 6.5.4.4	O	☑	
5/4	DM5 packet type	[1] 6.5.4, 6.5.4.5	O	☑	
5/5	DH5 packet type	[1] 6.5.4, 6.5.4.6	O	☑	

Table 5a: Enhanced Data Rate ACL Packet Types

Prerequisite: BB 2/4 "Enhanced Data Rate ACL links"

Item	Capability	Reference	Support	Status	Comment
5a/1	2-DH1 packet type	[1] 6.5.4.8	C.1	☑	C.1: Mandatory IF (LMP 2b/1 "EDR for asynchronous transports (single slot)" OR LMP 2b/2 "EDR for asynchronous transports (multi-slot)"), otherwise Optional IF BB 1a/2 "Support for $\pi/4$ -DQPSK modulation", otherwise Excluded.
5a/2	2-DH3 packet type	[1] 6.5.4.9	C.2	☑	C.2: Mandatory IF LMP 2b/2 "EDR for asynchronous transports (multi-slot)", otherwise Optional IF BB 1a/2 "Support for $\pi/4$ -DQPSK modulation", otherwise Excluded.
5a/3	2-DH5 packet type	[1] 6.5.4.10	C.2	☑	C.2: Mandatory IF LMP 2b/2 "EDR for asynchronous transports (multi-slot)", otherwise Optional IF BB 1a/2 "Support for $\pi/4$ -DQPSK modulation", otherwise Excluded.
5a/4	3-DH1 packet type	[1] 6.5.4.11	C.3	☑	C.3: Mandatory IF LMP 2b/1 "EDR for asynchronous transports (single slot)" OR LMP 2b/2 "EDR for asynchronous transports (multi-slot)", otherwise Optional IF BB 1a/3 "Support for 8DPSK modulation", otherwise Excluded.
5a/5	3-DH3 packet type	[1] 6.5.4.12	C.4	☑	C.4: Mandatory IF LMP 2b/2 "EDR for asynchronous transports (multi-slot)", otherwise Optional IF BB 5a/2 "2-DH3 packet type" AND BB 5a/4 "3-DH1 packet type", otherwise Excluded.
5a/6	3-DH5 packet type	[1] 6.5.4.13	C.5	☑	C.5: Mandatory IF LMP 2b/2 "EDR for asynchronous transports (multi-slot)", otherwise Optional IF BB 5a/3 "2-DH5 packet type" AND BB 5a/4 "3-DH1 packet type", otherwise Excluded.

Table 6: SCO and eSCO Packet Types

Item	Capability	Reference	Support	Status	Comment
6/1	HV1 packet type	[1] 6.5.2, 6.5.2.1	C.1	☑	C.1: Mandatory IF BB 2/2 "SCO link", otherwise Excluded.
6/2	HV2 packet type	[1] 6.5.2, 6.5.2.2	C.2	☑	C.2: Optional IF BB 2/2 "SCO link", otherwise Excluded.
6/3	HV3 packet type	[1] 6.5.2, 6.5.2.3	C.2	☑	C.2: Optional IF BB 2/2 "SCO link", otherwise Excluded.
6/4	DV packet type	[1] 6.5.2, 6.5.2.4	C.1	☑	C.1: Mandatory IF BB 2/2 "SCO link", otherwise Excluded.
6/5	EV3 packet type	[1] 6.5.3, 6.5.3.1	C.3	☑	C.3: Mandatory IF BB 2/3 "eSCO link", otherwise Excluded.

Table 6a: Enhanced Data Rate eSCO Packet Types

Prerequisite: BB 2/5 "Enhanced Data Rate eSCO links"

Item	Capability	Reference	Support	Status	Comment
6a/1	2-EV3 packet type	[1] 6.5.3.4	C.1	☑	C.1: Optional IF BB 1a/2 "Support for $\pi/4$ -DQPSK modulation", otherwise Excluded.

Table 7: Page Procedures

Item	Capability	Reference	Support	Status	Comment
7/1	Paging	[1] 8.3.2	M	☑	
7/2	Page Scan	[1] 8.3.1	M	☑	

7/5	Interlaced Scan during Page Scan	[1] 2.4	O	☑	
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Table 8: Paging Schemes

Item	Capability	Reference	Support	Status	Comment
8/1	Mandatory Scan Mode	[1] 8.3, Table 6.5	M	☑	

Table 9: Paging Modes

Item	Capability	Reference	Support	Status	Comment
9/1	paging mode R0	[1] 8.3.1, Table 8.1	C.1	☑	C.1: Mandatory to support at least one.
9/2	paging mode R1	[1] 8.3.1, Table 8.1	C.1	☑	C.1: Mandatory to support at least one.
9/3	paging mode R2	[1] 8.3.1, Table 8.1	C.1	☑	C.1: Mandatory to support at least one.

Table 9b: Paging Train Repetition

Item	Capability	Reference	Support	Status	Comment
9b/1	Npage >= 1	[1] 8.3.2, Table 8.2	O	☑	
9b/2	Npage >= 128	[1] 8.3.2, Table 8.2	O	☑	
9b/3	Npage >= 256	[1] 8.3.2, Table 8.2	M	☑	

Table 9c: Synchronization Modes Support

Item	Capability	Reference	Support	Status	Comment
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Table 10: Inquiry Procedures

Item	Capability	Reference	Support	Status	Comment
10/1	Inquiry	[1] 8.4.2	O	☑	
10/2	Inquiry Scan with first FHS	[1] 8.4.2	O	☑	
10/5	Dedicated Inquiry Access Code	[1] 6.3.1	O	☑	
10/6	Interlaced Scan during Inquiry Scan	[1] 2.5	O	☑	
10/7	Extended Inquiry Response	[1] 8.4.2, 8.4.3	C.1	☑	C.1: Mandatory IF GAP 1/3 "General discoverable mode", otherwise Optional.

Table 11: Piconet Capabilities

Item	Capability	Reference	Support	Status	Comment
11/1	Broadcast Messages	[1] 7.6.5	M	☑	
11/2	Point-to-multipoint Connections	[1] 1	M	☑	

Table 12: Scatternet Capabilities

Item	Capability	Reference	Support	Status	Comment
12/1	Act as Central in one piconet and as Peripheral in another piconet	[1] 1	O	☑	
12/2	Act as Peripheral in more than one piconet	[1] 1	O	☑	

Table 13: Synchronous Coding Schemes

Prerequisite: BB 2/2 "SCO link" OR BB 2/3 "eSCO link"

Item	Capability	Reference	Support	Status	Comment
13/1	A-law	[1] 9.1	C.1	☑	C.1: Mandatory to support at least one.
13/2	μ-law	[1] 9.1	C.1	☑	C.1: Mandatory to support at least one.
13/3	CVSD	[1] 9.2	C.1	☑	C.1: Mandatory to support at least one.
13/4	Transparent Synchronous Data	[1] 5.4, 5.5	C.1	☑	C.1: Mandatory to support at least one.

Table 14: Erroneous Data Reporting

Item	Capability	Reference	Support	Status	Comment
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Table 16: Non-flushable Packet Boundary Flag

Item	Capability	Reference	Support	Status	Comment
16/1	Non-flushable Packet Boundary Flag	[1] 7.6.3	C.1	☑	C.1: Mandatory IF HCI 12/10 "Enhanced Flush command", otherwise Optional.

Table 17: Connection States

Item	Capability	Reference	Support	Status	Comment
17/1	Sniff Subrating mode	[3] 4.5.3.3	C.1	☑	C.1: Mandatory IF LMP 2/8 "Sniff mode", otherwise Optional.

Table 18: Coarse Clock Adjust

Item	Capability	Reference	Support	Status	Comment
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Table 19: Slot Availability Mask

Item	Capability	Reference	Support	Status	Comment
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Common Audio Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Acceptor	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
1/2	Initiator	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
1/3	Commander	[1] 3	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1] 2.5	M	☑	

Table 3: Device Configuration Requirements

Item	Capability	Reference	Support	Status	Comment
3/2	BR/EDR/LE	[1] 2.5	C.1	☑	C.1: Mandatory to support one and only one.

Table 4: X.Y Versions

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
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4/1	CAP v1.0	[1]	M	☑
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Table 6: CAP Role Dependency Support - Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
6/1	CSIP Set Member	[1] 3	O	☑	
6/2	BAP Scan Delegator	[1] 3	C.2	☑	C.2: Mandatory IF CAP 6/3 "BAP Broadcast Sink", otherwise not defined.
6/3	BAP Broadcast Sink	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
6/4	BAP Unicast Server	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
6/5	VCP Volume Renderer	[1] 3	O	☑	
6/6	MICP Microphone Device	[1] 3	O	☑	
6/7	CCP Call Control Client	[1] 3	O	☑	
6/8	MCP Media Control Client	[1] 3	O	☑	

Table 6a: Feature Support - Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
6a/1	CAP Targeted Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.1	☑	C.1: Mandatory to support at least one IF CAP 6/2 "BAP Scan Delegator" OR CAP 6/5 "VCP Volume Renderer" OR CAP 6/6 "MICP Microphone Device" OR CAP 6/7 "CCP Call Control Client" OR CAP 6/8 "MCP Media Control Client", otherwise Excluded.
6a/2	CAP General Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.1	☑	C.1: Mandatory to support at least one IF CAP 6/2 "BAP Scan Delegator" OR CAP 6/5 "VCP Volume Renderer" OR CAP 6/6 "MICP Microphone Device" OR CAP 6/7 "CCP Call Control Client" OR CAP 6/8 "MCP Media Control Client", otherwise Excluded.

Table 7: Service Requirements - Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
7/1	Service supported over LE (CAS)	[1] 3, 7.3	M	☑	
7/2	Service supported over LE (VCS)	[1] 4, 7.3	C.1	☑	C.1: Mandatory IF CAP 6/5 "VCP Volume Renderer", otherwise not defined.
7/3	Service supported over LE (VOCS)	[1] 4.1.3, 7.3	C.2	☑	C.2: Optional IF CAP 6/5 "VCP Volume Renderer", otherwise not defined.
7/4	Service supported over LE (MICS)	[1] 4, 7.3	C.3	☑	C.3: Mandatory IF CAP 6/6 "MICP Microphone Device", otherwise not defined.
7/5	Service supported over LE (AICS)	[1] 4, 7.3	C.4	☑	C.4: Optional IF CAP 6/6 "MICP Microphone Device", otherwise not defined.
7/6	Service supported over LE (CSIS)	[1] 4.1.1, 7.3	C.5	☑	C.5: Mandatory IF CAP 6/1 "CSIP Set Member", otherwise not defined.
7/7	Service supported over LE (ASCS)	[1] 4, 7.3	C.6	☑	C.6: Mandatory IF CAP 6/4 "BAP Unicast Server", otherwise not defined.
7/8	Service supported over LE (BASS)	[1] 4, 7.3	C.7	☑	C.7: Mandatory IF CAP 6/2 "BAP Scan Delegator", otherwise not defined.
7/9	Service supported over LE (PACS)	[1] 4, 7.3	C.8	☑	C.8: Mandatory IF CAP 6/4 "BAP Unicast Server" OR CAP 6/3 "BAP Broadcast Sink", otherwise not defined.

Table 8: Audio Stream Transition Procedure Support - Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
8/1	Unicast Audio Start procedure	[1] 7.3.1.2	C.1	☑	C.1: Mandatory IF CAP 6/4 "BAP Unicast Server", otherwise Excluded.

8/2	Unicast Audio Update procedure	[1] 7.3.1.3	C.1	☑	C.1: Mandatory IF CAP 6/4 "BAP Unicast Server", otherwise Excluded.
8/3	Unicast Audio Stop procedure	[1] 7.3.1.4	C.1	☑	C.1: Mandatory IF CAP 6/4 "BAP Unicast Server", otherwise Excluded.

Table 9: Coordinated Set Features - Acceptor

Prerequisite: CAP 6/1 "CSIP Set Member"

Item	Capability	Reference	Support	Status	Comment
9/1	Included CSIS Instance	[1] 4.4.1	M	☑	

Table 10: CSIS Requirements - Acceptor

Prerequisite: CAP 6/1 "CSIP Set Member"

Item	Capability	Reference	Support	Status	Comment
10/1	Set Member Rank Characteristic	[1] 4.4.1	M	☑	
10/2	Coordinated Set Size Characteristic	[1] 4.4.1	M	☑	

Table 11: Supported Context Types - Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
11/1	Unspecified	[1] 7.1	M	☑	

Table 12: CCP Requirements - Acceptor

Prerequisite: CAP 6/7 "CCP Call Control Client"

Item	Capability	Reference	Support	Status	Comment
12/1	Read Status Flags procedure	[1] 4.4.3	M	☑	

Table 13: GAP Requirements - Acceptor

Prerequisite: CAP 1/1 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
13/1	Observer	[1] 2.4	C.1	☑	C.1: Mandatory IF CAP 6/3 "BAP Broadcast Sink", otherwise not defined.
13/2	Peripheral	[1] 2.4	C.2	☑	C.2: Mandatory IF CAP 6/4 "BAP Unicast Server" OR CAP 6/3 "BAP Broadcast Sink" OR CAP 6/2 "BAP Scan Delegator" OR CAP 6/5 "VCP Volume Renderer" OR CAP 6/6 "MIPC Microphone Device" OR CAP 6/7 "CCP Call Control Client" OR CAP 6/8 "MCP Media Control Client", otherwise not defined.

Table 14: X.Y Versions

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
14/1	Common Audio Profile 1.0	[1]	M	☑	

Table 16: CAP Role Dependency Support - Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
16/1	CSIP Set Coordinator	[1] 3	C.1	☑	C.1: Mandatory IF CAP 16/3 "BAP Unicast Client" OR CAP 16/4 "BAP Broadcast Assistant", otherwise not defined.
16/2	BAP Broadcast Source	[1] 3	C.2	☑	C.2: Mandatory to support at least one.
16/3	BAP Unicast Client	[1] 3	C.2	☑	C.2: Mandatory to support at least one.
16/4	BAP Broadcast Assistant	[1] 3	O	☑	
16/5	CCP Call Control Server	[1] 3	O	☑	

16/6	MCP Media Control Server	[1] 3	O	☑	
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Table 17: Feature Support - Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
17/1	Multiple ASCS Server Support	[1] 7	M	☑	
17/3	Unicast to Broadcast Handover Support	[1] 5	C.2	☑	C.2: Optional IF CAP 1/3 "Commander" AND CAP 16/3 "BAP Unicast Client" AND CAP 16/2 "BAP Broadcast Source" AND CAP 16/4 "BAP Broadcast Assistant", otherwise Excluded.
17/4	Broadcast to Unicast Handover Support	[1] 5	C.3	☑	C.3: Optional IF CAP 1/3 "Commander" AND CAP 16/3 "BAP Unicast Client" AND CAP 16/2 "BAP Broadcast Source", otherwise Excluded.

Table 18: Unicast Client BAP Audio Role - Initiator

Prerequisite: CAP 16/3 "BAP Unicast Client"

Item	Capability	Reference	Support	Status	Comment
18/1	Audio Source	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
18/2	Audio Sink	[1] 3	C.1	☑	C.1: Mandatory to support at least one.

Table 19: Service Requirements - Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
19/1	Service supported over LE (TBS)	[1] 4, 7.3	C.1	☑	C.1: Mandatory to support at least one IF CAP 16/5 "CCP Call Control Server", otherwise not defined.
19/2	Service supported over LE (GTBS)	[1] 4, 7.3	C.1	☑	C.1: Mandatory to support at least one IF CAP 16/5 "CCP Call Control Server", otherwise not defined.
19/3	Service supported over LE (MCS)	[1] 4, 7.3	C.2	☑	C.2: Mandatory to support at least one IF CAP 16/6 "MCP Media Control Server", otherwise not defined.
19/4	Service supported over LE (GMCS)	[1] 4, 7.3	C.2	☑	C.2: Mandatory to support at least one IF CAP 16/6 "MCP Media Control Server", otherwise not defined.

Table 20: Audio Stream Transition Procedure Support - Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
20/1	Unicast Audio Start procedure	[1] 5	C.1	☑	C.1: Mandatory IF CAP 16/3 "BAP Unicast Client", otherwise Excluded.
20/2	Unicast Audio Update procedure	[1] 5	C.2	☑	C.2: Optional IF CAP 16/3 "BAP Unicast Client", otherwise Excluded.
20/3	Unicast Audio Stop procedure	[1] 5	C.1	☑	C.1: Mandatory IF CAP 16/3 "BAP Unicast Client", otherwise Excluded.
20/4	Broadcast Audio Start procedure	[1] 5	C.3	☑	C.3: Mandatory IF CAP 16/2 "BAP Broadcast Source", otherwise Excluded.
20/5	Broadcast Audio Update procedure	[1] 5	C.4	☑	C.4: Optional IF CAP 16/2 "BAP Broadcast Source", otherwise Excluded.
20/6	Broadcast Audio Stop procedure	[1] 5	C.3	☑	C.3: Mandatory IF CAP 16/2 "BAP Broadcast Source", otherwise Excluded.
20/7	Unicast to Broadcast Handover procedure	[1] 5	C.5	☑	C.5: Mandatory IF CAP 1/3 "Commander" AND CAP 17/3 "Unicast to Broadcast Handover Support", otherwise Excluded.
20/8	Broadcast to Unicast Handover procedure	[1] 5	C.6	☑	C.6: Mandatory IF CAP 1/3 "Commander" AND CAP 17/4 "Broadcast to Unicast Handover Support", otherwise Excluded.

Table 21: BAP Procedures Requirements - Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
21/1	BAP Available Audio Contexts discovery procedure	[1] 5.4	C.1	☑	C.1: Mandatory IF CAP 16/3 "BAP Unicast Client", otherwise Excluded.
21/3	BAP Adding broadcast sources procedure	[1] 5.4	C.3	☑	C.3: Mandatory IF CAP 16/4 "BAP Broadcast Assistant", otherwise Excluded.

Table 22: Supported Context Types - Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
22/1	Unspecified	[1] 7.1	M	☑	

Table 23: GAP Requirements - Initiator

Prerequisite: CAP 1/2 "Initiator"

Item	Capability	Reference	Support	Status	Comment
23/1	Broadcaster	[1] 2.4	C.1	☑	C.1: Mandatory IF CAP 16/2 "BAP Broadcast Source", otherwise not defined.
23/2	Central	[1] 2.4	C.2	☑	C.2: Mandatory IF CAP 16/3 "BAP Unicast Client" OR CAP 16/4 "BAP Broadcast Assistant" OR CAP 16/5 "CCP Call Control Server" OR CAP 16/6 "MCP Media Control Server" OR CAP 16/1 "CSIP Set Coordinator", otherwise not defined.

Table 24: X.Y Versions

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Support	Status	Comment
24/1	Common Audio Profile 1.0	[1]	M	☑	

Table 26: CAP Role Dependency Support - Commander

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Support	Status	Comment
26/1	CSIP Set Coordinator	[1] 3	M	☑	
26/2	BAP Broadcast Assistant	[1] 3	C.1, C.2	☑	C.1: Mandatory to support at least one. C.2: Mandatory IF CAP 26/3 "BAP Scan Delegator", otherwise Optional.
26/4	VCP Volume Controller	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
26/5	MICP Microphone Controller	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
26/6	CCP Call Control Client	[1] 3	O	☑	
26/7	MCP Media Control Client	[1] 3	O	☑	

Table 27: Feature Support - Commander

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Support	Status	Comment
27/2	Unicast to Broadcast Handover Support	[1] 6	C.1	☑	C.1: Optional IF CAP 1/2 "Initiator" AND CAP 26/2 "BAP Broadcast Assistant", otherwise Excluded.
27/3	Broadcast to Unicast Handover Support	[1] 6	C.2	☑	C.2: Optional IF CAP 1/2 "Initiator", otherwise Excluded.
27/4	CAP Targeted Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.3	☑	C.3: Mandatory to support at least one IF CAP 26/3 "BAP Scan Delegator" OR CAP 26/6 "CCP Call Control Client" OR CAP 26/7 "MCP Media Control Client", otherwise Excluded.
27/5	CAP General Announcement Support	[1] 8.1.1, 8.1.2, 8.1.3	C.3	☑	C.3: Mandatory to support at least one IF CAP 26/3 "BAP Scan Delegator" OR CAP 26/6 "CCP Call Control Client" OR CAP 26/7 "MCP Media Control Client", otherwise Excluded.

Table 28: Procedures - Commander

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Support	Status	Comment
28/1	Broadcast Audio Reception Start procedure	[1] 7.3.1.8	C.1	☑	C.1: Mandatory IF CAP 26/2 "BAP Broadcast Assistant", otherwise Excluded.
28/2	Broadcast Audio Reception Stop procedure	[1] 7.3.1.9	C.1	☑	C.1: Mandatory IF CAP 26/2 "BAP Broadcast Assistant", otherwise Excluded.
28/3	Unicast to Broadcast Handover procedure	[1] 7.3.1.10	C.2	☑	C.2: Mandatory IF CAP 27/2 "Unicast to Broadcast Handover Support", otherwise Excluded.
28/4	Broadcast to Unicast Handover procedure	[1] 7.3.1.11	C.3	☑	C.3: Mandatory IF CAP 27/3 "Broadcast to Unicast Handover Support", otherwise Excluded.
28/6	Change Volume procedure	[1] 7.3.2.2	C.5	☑	C.5: Mandatory IF CAP 26/4 "VCP Volume Controller", otherwise Excluded.
28/8	Change Volume Mute State procedure	[1] 7.3.2.4	C.5	☑	C.5: Mandatory IF CAP 26/4 "VCP Volume Controller", otherwise Excluded.
28/9	Microphone Mute State procedure	[1] 7.3.2.5	C.7	☑	C.7: Mandatory IF CAP 26/5 "MICP Microphone Controller", otherwise Excluded.
28/10	Change Microphone Gain Setting procedure	[1] 7.3.2.6	C.8	☑	C.8: Optional IF CAP 28/9 "Microphone Mute State procedure", otherwise Excluded.

Table 29: Service Requirements - Commander

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Support	Status	Comment
29/1	Service supported over LE (CAS)	[1] 6	C.1	☑	C.1: Mandatory IF CAP 27/5 "CAP General Announcement Support" OR CAP 27/4 "CAP Targeted Announcement Support", otherwise not defined.

Table 30: BAP Procedures Requirements - Commander

Prerequisite: CAP 26/2 "BAP Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
30/1	Broadcast Audio capability discovery procedure	[1] 6.4	M	☑	
30/2	Add Source operation	[1] 6.4	M	☑	
30/4	Remove Source operation	[1] 6.4	M	☑	

Table 31: VCP Volume Controller Procedures Requirements - Commander

Prerequisite: CAP 26/4 "VCP Volume Controller"

Item	Capability	Reference	Support	Status	Comment
31/1	Set Absolute Volume	[1] 6.4	M	☑	
31/2	Set Volume Offset	[1] 6.4	O	☑	
31/3	Mute	[1] 6.4	M	☑	
31/4	Unmute	[1] 6.4	M	☑	

Table 32: MICP Procedures Requirements - Commander

Prerequisite: CAP 26/5 "MICP Microphone Controller"

Item	Capability	Reference	Support	Status	Comment
32/1	Set Mute	[1] 6.4	M	☑	
32/2	Set Gain Setting	[1] 6.4	C.1	☑	C.1: Mandatory IF CAP 28/10 "Change Microphone Gain Setting procedure", otherwise not defined.

Table 33: GAP Requirements - Commander

Prerequisite: CAP 1/3 "Commander"

Item	Capability	Reference	Support	Status	Comment
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33/1	Central	[1] 2.4	C.1	☒	C.1: Mandatory IF CAP 26/2 "BAP Broadcast Assistant" OR CAP 26/4 "VCP Volume Controller" OR CAP 26/5 "MICP Microphone Controller" OR CAP 26/1 "CSIP Set Coordinator", otherwise not defined.
33/2	Peripheral	[1] 2.4	C.2	☒	C.2: Mandatory IF CAP 26/3 "BAP Scan Delegator" OR CAP 26/6 "CCP Call Control Client" OR CAP 26/7 "MCP Media Control Client", otherwise not defined.

Common Audio Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	CAS v1.0	[1] 2	M	☒	

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Service supported over LE	[1] 2	C.1	☒	C.1: Mandatory to support at least one.

Table 3: Features

Item	Capability	Reference	Support	Status	Comment
3/1	Included CSIS Instance	[1] 2.6	O	☒	

Table 5: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
5/2	GATT Server over LE	[1] 1.4	C.2	☒	C.2: Mandatory IF CAS 2/2 "Service supported over LE", otherwise not defined.

Table 4: SDP Requirements

Prerequisite: CAS 2/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Call Control Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Call Control Server	[1] 3	C.1	☒	C.1: Mandatory to support at least one.
1/2	Call Control Client	[1] 4	C.1	☒	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1] 2	C.1	☒	C.1: Mandatory to support at least one.

Table 3: Call Control Server, X.Y Versions

Prerequisite: CCP 1/1 "Call Control Server"

Item	Capability	Reference	Support	Status	Comment
3/1	CCP v1.0	[1]	M	☒	

Table 5: Server Features

Prerequisite: CCP 1/1 "Call Control Server"

Item	Capability	Reference	Support	Status	Comment
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5/2	Generic Telephone Bearer Service	[1] 3	M	☑
5/3	LE Extended Advertising	[1] 6.1.1.1	M	☑

Table 6: GAP Requirements - Call Control Server Role

Prerequisite: CCP 1/1 "Call Control Server"

Item	Capability	Reference	Support	Status	Comment
6/1	LE security mode 1	[1] 5.1	C.1	☑	C.1: Mandatory IF CCP 2/2 "Profile supported over LE", otherwise not defined.
6/2	Bondable mode (LE)	[1] 5.1.2	C.1	☑	C.1: Mandatory IF CCP 2/2 "Profile supported over LE", otherwise not defined.
6/4	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5.1.2	C.7	☑	C.7: Mandatory to support at least one IF CCP 2/2 "Profile supported over LE", otherwise not defined.
6/5	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 5.1.2	C.7	☑	C.7: Mandatory to support at least one IF CCP 2/2 "Profile supported over LE", otherwise not defined.
6/6	LE security mode 1 level 4	[1] 5.1.2	C.7	☑	C.7: Mandatory to support at least one IF CCP 2/2 "Profile supported over LE", otherwise not defined.
6/7	Minimum 128 Bit entropy key (LE)	[1] 5.1	C.3	☑	C.3: Mandatory IF CCP 6/4 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR CCP 6/5 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
6/13	LE Secure Connections	[1] 5.1	C.9	☑	C.9: Mandatory to support at least one IF CCP 2/2 "Profile supported over LE", otherwise not defined.

Table 8: Call Control Client, X.Y Versions

Prerequisite: CCP 1/2 "Call Control Client"

Item	Capability	Reference	Support	Status	Comment
8/1	CCP v1.0	[1]	M	☑	

Table 10: Call Control Server Support

Prerequisite: CCP 1/2 "Call Control Client"

Item	Capability	Reference	Support	Status	Comment
10/1	Discover Telephone Bearer Service	[1] 4	C.1	☑	C.1: Mandatory to support at least one.
10/2	Discover Generic Telephone Bearer Service	[1] 4	C.1	☑	C.1: Mandatory to support at least one.

Table 11: Telephone Bearer Service Characteristic Support by Client

Prerequisite: CCP 10/1 "Discover Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
11/1	Bearer Provider Name Characteristic	[1] 4.4.1	O	☑	
11/2	Bearer UCI Characteristic	[1] 4.4.2	O	☑	
11/3	Bearer Technology Characteristic	[1] 4.4.3	O	☑	
11/4	Bearer URI Schemes Supported List Characteristic	[1] 4.4.4	O	☑	
11/5	Bearer Signal Strength Characteristic	[1] 4.4.5	O	☑	
11/6	Bearer Signal Strength Reporting Interval Characteristic	[1] 4.4.6	C.1	☑	C.1: Mandatory IF CCP 11/5 "Bearer Signal Strength Characteristic", otherwise Excluded.
11/7	Bearer List Current Calls Characteristic	[1] 4.4.8	O	☑	
11/8	Content Control ID Characteristic	[1] 4.4.9	O	☑	
11/9	Status Flags Characteristic	[1] 4.4.11	O	☑	

11/10	Incoming Call Target Bearer URI Characteristic	[1] 4.4.10	O	☑
11/11	Call State Characteristic	[1] 4.4.12	M	☑
11/12	Call Control Point Characteristic	[1] 4.4.13	O	☑
11/13	Call Control Point Optional Opcodes Characteristic	[1] 4.4.14	O	☑
11/14	Termination Reason Characteristic	[1] 4.5.1	O	☑
11/15	Incoming Call Characteristic	[1] 4.4.15	O	☑
11/16	Call Friendly Name Characteristic	[1] 4.4.16	O	☑

Table 12: Telephone Bearer Service Procedure Requirements

Prerequisite: CCP 10/1 "Discover Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
12/1	Read Bearer Provider Name	[1] 4.4.1	O	☑	
12/2	Read Bearer UCI	[1] 4.4.2	O	☑	
12/3	Read Bearer Technology	[1] 4.4.3	O	☑	
12/4	Read Bearer URI Schemes Supported List	[1] 4.4.4	O	☑	
12/5	Read Bearer Signal Strength	[1] 4.4.5	O	☑	
12/6	Read Bearer Signal Strength Reporting Interval	[1] 4.4.6	O	☑	
12/7	Set Bearer Signal Strength Reporting Interval	[1] 4.4.7	O	☑	
12/8	Read Bearer List Current Calls	[1] 4.4.8	O	☑	
12/9	Read Content Control ID	[1] 4.4.9	O	☑	
12/10	Read Status Flags	[1] 4.4.11	O	☑	
12/11	Read Incoming Call Target Bearer URI	[1] 4.4.10	O	☑	
12/12	Read Call State	[1] 4.4.12	M	☑	
12/13	Answer Incoming Call	[1] 4.4.13.1	O	☑	
12/14	Terminate Call	[1] 4.4.13.2	O	☑	
12/15	Move Call To Local Hold	[1] 4.4.13.3	O	☑	
12/16	Move Locally Held Call To Active Call	[1] 4.4.13.4	O	☑	
12/17	Move Locally Held Call To Remotely Held	[1] 4.4.13.5	O	☑	
12/18	Originate Call	[1] 4.4.13.6	O	☑	
12/20	Read Call Control Point Optional Opcodes	[1] 4.4.14	O	☑	
12/21	Read Incoming Call	[1] 4.4.15	O	☑	
12/22	Read Call Friendly Name	[1] 4.4.16	O	☑	

Table 13: Generic Telephone Bearer Service Characteristic Support by Client

Prerequisite: CCP 10/2 "Discover Generic Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
13/1	Bearer Provider Name Characteristic	[1] 4.4.1	O	☑	
13/2	Bearer UCI Characteristic	[1] 4.4.2	O	☑	
13/3	Bearer Technology Characteristic	[1] 4.4.3	O	☑	
13/4	Bearer URI Schemes Supported List Characteristic	[1] 4.4.4	O	☑	

13/5	Bearer Signal Strength Characteristic	[1] 4.4.5	O	☑	
13/6	Bearer Signal Strength Reporting Interval Characteristic	[1] 4.4.6	C.1	☑	C.1: Mandatory IF CCP 13/5 "Bearer Signal Strength Characteristic", otherwise Excluded.
13/7	Bearer List Current Calls Characteristic	[1] 4.4.8	O	☑	
13/8	Content Control ID Characteristic	[1] 4.4.9	O	☑	
13/9	Status Flags Characteristic	[1] 4.4.11	O	☑	
13/10	Incoming Call Target Bearer URI Characteristic	[1] 4.4.10	O	☑	
13/11	Call State Characteristic	[1] 4.4.12	M	☑	
13/12	Call Control Point Characteristic	[1] 4.4.13	O	☑	
13/13	Call Control Point Optional Opcodes Characteristic	[1] 4.4.14	O	☑	
13/14	Termination Reason Characteristic	[1] 4.5.1	O	☑	
13/15	Incoming Call Characteristic	[1] 4.4.15	O	☑	
13/16	Call Friendly Name Characteristic	[1] 4.4.16	O	☑	

Table 14: Generic Telephone Bearer Service Procedure Requirements

Prerequisite: CCP 10/2 "Discover Generic Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
14/1	Read Bearer Provider Name	[1] 4.4.1	O	☑	
14/2	Read Bearer UCI	[1] 4.4.2	O	☑	
14/3	Read Bearer Technology	[1] 4.4.3	O	☑	
14/4	Read Bearer URI Schemes Supported List	[1] 4.4.4	O	☑	
14/5	Read Bearer Signal Strength	[1] 4.4.5	O	☑	
14/6	Read Bearer Signal Strength Reporting Interval	[1] 4.4.6	O	☑	
14/7	Set Bearer Signal Strength Reporting Interval	[1] 4.4.7	O	☑	
14/8	Read Bearer List Current Calls	[1] 4.4.8	O	☑	
14/9	Read Content Control ID	[1] 4.4.9	O	☑	
14/10	Read Status Flags	[1] 4.4.11	O	☑	
14/11	Read Incoming Call Target Bearer URI	[1] 4.4.10	O	☑	
14/12	Read Call State	[1] 4.4.12	M	☑	
14/13	Answer Incoming Call	[1] 4.4.13.1	O	☑	
14/14	Terminate Call	[1] 4.4.13.2	O	☑	
14/15	Move Call To Local Hold	[1] 4.4.13.3	O	☑	
14/16	Move Locally Held Call To Active Call	[1] 4.4.13.4	O	☑	
14/17	Move Locally Held Call To Remotely Held	[1] 4.4.13.5	O	☑	
14/18	Originate Call	[1] 4.4.13.6	O	☑	
14/20	Read Call Control Point Optional Opcodes	[1] 4.4.14	O	☑	
14/21	Read Incoming Call	[1] 4.4.15	O	☑	
14/22	Read Call Friendly Name	[1] 4.4.16	O	☑	

Table 15: GAP Requirements - Call Control Client Role

Prerequisite: CCP 1/2 "Call Control Client"

Item	Capability	Reference	Support	Status	Comment
15/2	LE security mode 1	[1] 5.2	C.2	☑	C.2: Mandatory IF CCP 2/2 "Profile supported over LE", otherwise not defined.
15/3	Bondable mode (LE)	[1] 5.2	C.2	☑	C.2: Mandatory IF CCP 2/2 "Profile supported over LE", otherwise not defined.
15/4	Bonding procedure	[1] 5.2	C.2	☑	C.2: Mandatory IF CCP 2/2 "Profile supported over LE", otherwise not defined.
15/5	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5.1.1	O	☑	
15/6	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 5.1.1	O	☑	
15/7	LE security mode 1 level 4	[1] 5.1.1	O	☑	
15/8	Minimum 128 Bit entropy key (LE)	[1] 5.1	C.4	☑	C.4: Mandatory IF CCP 15/5 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR CCP 15/6 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
15/14	LE Secure Connections	[1] 5.1	C.8	☑	C.8: Mandatory to support at least one IF CCP 2/2 "Profile supported over LE", otherwise not defined.

Core Configurations

Table 1: Controller Core Specification X.Y Versions

Prerequisite: CORE 10/1 "BR/EDR Security (SEC)" OR CORE 10/2 "Link Manager Protocol (LMP)" OR CORE 10/3 "Baseband (BB)" OR CORE 10/4 "Radio Frequency (RF)" OR CORE 10/10 "Isochronous Adaptation Layer (IAL)" OR CORE 10/11 "LE Security (LESEC)" OR CORE 10/12 "Link Layer (LL)" OR CORE 10/13 "Radio Frequency Physical Layer (RFPHY)" OR CORE 10/14 "Channel Sounding (CS)" OR CORE 10/20 "PAL for 802.11 MAC/PHY (802.11 PAL)" OR CORE 12/2 "Lower HCI role"

Item	Capability	Reference	Support	Status	Comment
1/1	Controller Core any version	N/A	M	☑	
1/60	Controller Core v6.0	[28]	C.1	☑	C.1: Mandatory to support one and only one.

Table 1a: (auto-fill) Controller Core Specification X.Y Versions or Later

Prerequisite: CORE 1/1 "Controller Core any version"

Item	Capability	Reference	Support	Status	Comment
1a/50	Controller Core v5.0 or later	N/A	C.1	☑	C.1: Excluded IF CORE 1/42 "Controller Core v4.2", otherwise Mandatory.
1a/51	Controller Core v5.1 or later	N/A	C.2	☑	C.2: Excluded IF CORE 1/42 "Controller Core v4.2" OR CORE 1/50 "Controller Core v5.0", otherwise Mandatory.
1a/52	Controller Core v5.2 or later	N/A	C.3	☑	C.3: Excluded IF CORE 1/42 "Controller Core v4.2" OR CORE 1/50 "Controller Core v5.0" OR CORE 1/51 "Controller Core v5.1", otherwise Mandatory.
1a/53	Controller Core v5.3 or later	N/A	C.4	☑	C.4: Excluded IF CORE 1/42 "Controller Core v4.2" OR CORE 1/50 "Controller Core v5.0" OR CORE 1/51 "Controller Core v5.1" OR CORE 1/52 "Controller Core v5.2", otherwise Mandatory.
1a/54	Controller Core v5.4 or later	N/A	C.5	☑	C.5: Excluded IF CORE 1/42 "Controller Core v4.2" OR CORE 1/50 "Controller Core v5.0" OR CORE 1/51 "Controller Core v5.1" OR CORE 1/52 "Controller Core v5.2" OR CORE 1/53 "Controller Core v5.3", otherwise Mandatory.
1a/60	Controller Core v6.0 or later	N/A	C.6	☑	C.6: Excluded IF CORE 1/42 "Controller Core v4.2" OR CORE 1/50 "Controller Core v5.0" OR CORE 1/51 "Controller Core v5.1" OR CORE 1/52 "Controller Core v5.2" OR CORE 1/53 "Controller Core v5.3" OR CORE 1/54 "Controller Core v5.4", otherwise Mandatory.

Table 1b: (auto-fill) Controller Core Specification X.Y Versions or Earlier

Prerequisite: CORE 1/1 "Controller Core any version"

Item	Capability	Reference	Support	Status	Comment
1b/60	Controller Core v6.0 or earlier	N/A	C.6	☑	C.6: Mandatory IF CORE 1/42 "Controller Core v4.2" OR CORE 1/50 "Controller Core v5.0" OR CORE 1/51 "Controller Core v5.1" OR CORE 1/52 "Controller Core v5.2" OR CORE 1/53 "Controller Core v5.3" OR CORE 1/54 "Controller Core v5.4" OR CORE 1/60 "Controller Core v6.0", otherwise Excluded.

Table 1c: Controller Core Addenda and Errata

Item	Capability	Reference	Support	Status	Comment
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Table 2: Host Core Specification X.Y Versions

Prerequisite: CORE 11/1 "Generic Attribute Profile (GATT)" OR CORE 11/2 "Attribute Protocol (ATT)" OR CORE 11/3 "Generic Access Profile (GAP)" OR CORE 11/4 "Service Discovery Protocol (SDP)" OR CORE 11/5 "Logical Link Control and Adaptation Protocol (L2CAP)" OR CORE 11/6 "Security Manager (SM)" OR CORE 11/20 "AMP Manager Protocol (A2MP)" OR CORE 12/3 "Upper HCI role"

Item	Capability	Reference	Support	Status	Comment
2/1	Host Core any version	N/A	M	☑	
2/60	Host Core v6.0	[28]	C.1	☑	C.1: Mandatory to support one and only one.

Table 2a: (auto-fill) Host Core Specification X.Y Versions or Later

Prerequisite: CORE 2/1 "Host Core any version"

Item	Capability	Reference	Support	Status	Comment
2a/50	Host Core v5.0 or later	N/A	C.1	☑	C.1: Excluded IF CORE 2/42 "Host Core v4.2", otherwise Mandatory.
2a/51	Host Core v5.1 or later	N/A	C.2	☑	C.2: Excluded IF CORE 2/42 "Host Core v4.2" OR CORE 2/50 "Host Core v5.0", otherwise Mandatory.
2a/52	Host Core v5.2 or later	N/A	C.3	☑	C.3: Excluded IF CORE 2/42 "Host Core v4.2" OR CORE 2/50 "Host Core v5.0" OR CORE 2/51 "Host Core v5.1", otherwise Mandatory.
2a/53	Host Core v5.3 or later	N/A	C.4	☑	C.4: Excluded IF CORE 2/42 "Host Core v4.2" OR CORE 2/50 "Host Core v5.0" OR CORE 2/51 "Host Core v5.1" OR CORE 2/52 "Host Core v5.2", otherwise Mandatory.
2a/54	Host Core v5.4 or later	N/A	C.5	☑	C.5: Excluded IF CORE 2/42 "Host Core v4.2" OR CORE 2/50 "Host Core v5.0" OR CORE 2/51 "Host Core v5.1" OR CORE 2/52 "Host Core v5.2" OR CORE 2/53 "Host Core v5.3", otherwise Mandatory.
2a/60	Host Core v6.0 or later	N/A	C.6	☑	C.6: Excluded IF CORE 2/42 "Host Core v4.2" OR CORE 2/50 "Host Core v5.0" OR CORE 2/51 "Host Core v5.1" OR CORE 2/52 "Host Core v5.2" OR CORE 2/53 "Host Core v5.3" OR CORE 2/54 "Host Core v5.4", otherwise Mandatory.

Table 2b: (auto-fill) Host Core Specification X.Y Versions or Earlier

Prerequisite: CORE 2/1 "Host Core any version"

Item	Capability	Reference	Support	Status	Comment
2b/60	Host Core v6.0 or earlier	N/A	C.6	☑	C.6: Mandatory IF CORE 2/42 "Host Core v4.2" OR CORE 2/50 "Host Core v5.0" OR CORE 2/51 "Host Core v5.1" OR CORE 2/52 "Host Core v5.2" OR CORE 2/53 "Host Core v5.3" OR CORE 2/54 "Host Core v5.4" OR CORE 2/60 "Host Core v6.0", otherwise Excluded.

Table 10: Controller Layer Requirements

Item	Capability	Reference	Support	Status	Comment
10/1	BR/EDR Security (SEC)	[1], [2], [3], [4], [5], [6], [28]Volume 2, Part H	O	☑	
10/2	Link Manager Protocol (LMP)	[1], [2], [3], [4], [5], [6], [28]Volume 2, Part C	O	☑	

10/3	Baseband (BB)	[1], [2], [3], [4], [5], [6], [28]Volume 2, Part B	O	☑	
10/4	Radio Frequency (RF)	[1], [2], [3], [4], [5], [6], [28]Volume 2, Part A	O	☑	
10/10	Isochronous Adaptation Layer (IAL)	[4], [5], [6], [28]Volume 6, Part G	C.2	☑	C.2: Optional IF CORE 1a/52 "Controller Core v5.2 or later", otherwise Excluded.
10/11	LE Security (LESEC)	[1], [2], [3], [4], [5], [6], [28]Volume 6, Part E	C.1	☑	C.1: Mandatory IF CORE 20a/2 "LE encryption", otherwise Excluded.
10/12	Link Layer (LL)	[1], [2], [3], [4], [5], [6], [28]Volume 6, Part B	O	☑	
10/13	Radio Frequency Physical Layer (RFPHY)	[1], [2], [3], [4], [5], [6], [28]Volume 6, Part A	O	☑	

Table 11: Host Layer Requirements

Item	Capability	Reference	Support	Status	Comment
11/1	Generic Attribute Profile (GATT)	[1], [2], [3], [4], [5], [6], [28]Volume 3, Part G	O	☑	
11/2	Attribute Protocol (ATT)	[1], [2], [3], [4], [5], [6], [28]Volume 3, Part F	O	☑	
11/3	Generic Access Profile (GAP)	[1], [2], [3], [4], [5], [6], [28]Volume 3, Part C	O	☑	
11/4	Service Discovery Protocol (SDP)	[1], [2], [3], [4], [5], [6], [28]Volume 3, Part B	O	☑	
11/5	Logical Link Control and Adaptation Protocol (L2CAP)	[1], [2], [3], [4], [5], [6], [28]Volume 3, Part A	O	☑	
11/6	Security Manager (SM)	[1], [2], [3], [4], [5], [6], [28]Volume 3, Part H	O	☑	

Table 12: HCI Layer Requirements

Item	Capability	Reference	Support	Status	Comment
12/1	Host Controller Interface (HCI)	[1], [2], [3] Volume 2, Part E, [4], [5], [6], [28]Volume 4, Part E	O	☑	
12/2	Lower HCI role	[1], [2], [3] Volume 2, Part E, [4], [5], [6], [28]Volume 4, Part E	C.1, C.2	☑	C.1: Mandatory to support at least one IF CORE 12/1 "Host Controller Interface (HCI)", otherwise Excluded. C.2: Mandatory to support none or all IF CORE 40/3 "Core-Complete", otherwise Optional.
12/3	Upper HCI role	[1], [2], [3] Volume 2, Part E, [4], [5], [6], [28]Volume 4, Part E	C.1, C.2	☑	C.1: Mandatory to support at least one IF CORE 12/1 "Host Controller Interface (HCI)", otherwise Excluded. C.2: Mandatory to support none or all IF CORE 40/3 "Core-Complete", otherwise Optional.

Table 13: Other Core Layer Requirements

Item	Capability	Reference	Support	Status	Comment
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Table 20: (auto-fill) Core Layer Groupings (Excluding HCI)

Item	Capability	Reference	Support	Status	Comment
20/1	BR/EDR Controller Layers	[8] 2.1.1	C.1	☑	C.1: Mandatory IF CORE 10/1 "BR/EDR Security (SEC)" AND CORE 10/2 "Link Manager Protocol (LMP)" AND CORE 10/3 "Baseband (BB)" AND CORE 10/4 "Radio Frequency (RF)", otherwise Excluded.
20/2	BR/EDR Host Layers	[8] 2.2.1	C.2	☑	C.2: Mandatory IF CORE 11/3 "Generic Access Profile (GAP)" AND CORE 11/4 "Service Discovery Protocol (SDP)" AND CORE 11/5 "Logical Link Control and Adaptation Protocol (L2CAP)" AND ((CORE 11/1 "Generic Attribute Profile (GATT)" AND CORE 11/2 "Attribute Protocol (ATT)") OR (NOT CORE 11/1 "Generic Attribute Profile (GATT)" AND NOT CORE 11/2 "Attribute Protocol (ATT)")), otherwise Excluded.

20/3	LE Controller Layers	[8] 2.1.2	C.3	☑	C.3: Mandatory IF CORE 10/12 "Link Layer (LL)" AND CORE 10/13 "Radio Frequency Physical Layer (RFPHY)" AND ((CORE 10/11 "LE Security (LESEC)" AND CORE 20a/2 "LE encryption") OR (NOT CORE 10/11 "LE Security (LESEC)" AND NOT CORE 20a/2 "LE encryption")) AND ((CORE 10/10 "Isochronous Adaptation Layer (IAL)" AND CORE 20a/3 "Isochronous channels") OR (NOT CORE 10/10 "Isochronous Adaptation Layer (IAL)" AND NOT CORE 20a/3 "Isochronous channels")) AND ((CORE 10/14 "Channel Sounding (CS)" AND CORE 20a/4 "Channel Sounding") OR (NOT CORE 10/14 "Channel Sounding (CS)" AND NOT CORE 20a/4 "Channel Sounding")), otherwise Excluded.
20/4	LE Host Layers	[8] 2.2.2	C.4	☑	C.4: Mandatory IF CORE 11/3 "Generic Access Profile (GAP)" AND ((CORE 11/1 "Generic Attribute Profile (GATT)" AND CORE 11/2 "Attribute Protocol (ATT)" AND CORE 11/5 "Logical Link Control and Adaptation Protocol (L2CAP)" AND CORE 11/6 "Security Manager (SM)" AND CORE 20a/1 "LE connections") OR (NOT CORE 11/1 "Generic Attribute Profile (GATT)" AND NOT CORE 11/2 "Attribute Protocol (ATT)" AND NOT CORE 11/5 "Logical Link Control and Adaptation Protocol (L2CAP)" AND NOT CORE 11/6 "Security Manager (SM)" AND NOT CORE 20a/1 "LE connections")), otherwise Excluded.

Table 20a: (auto-fill) Core Layer References

Item	Capability	Reference	Support	Status	Comment
20a/1	LE connections	[8] 2.2.2	C.1	☑	C.1: Mandatory IF GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)" OR GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)", otherwise Excluded.
20a/2	LE encryption	[8] 2.1.2	C.2	☑	C.2: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
20a/3	Isochronous channels	[8] 2.1.2	C.3	☑	C.3: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/33 "Isochronous Broadcaster" OR LL 9/34 "Synchronized Receiver", otherwise Excluded.

Table 30: (auto-fill) Core-Controller Configurations

Prerequisite: CORE 12/2 "Lower HCI role" AND NOT (CORE 11/1 "Generic Attribute Profile (GATT)" OR CORE 11/2 "Attribute Protocol (ATT)" OR CORE 11/3 "Generic Access Profile (GAP)" OR CORE 11/4 "Service Discovery Protocol (SDP)" OR CORE 11/5 "Logical Link Control and Adaptation Protocol (L2CAP)" OR CORE 11/6 "Security Manager (SM)" OR CORE 11/20 "AMP Manager Protocol (A2MP)" OR CORE 12/3 "Upper HCI role")

Item	Capability	Reference	Support	Status	Comment
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Table 31: (auto-fill) Core-Host Configurations

Prerequisite: CORE 12/3 "Upper HCI role" AND NOT (CORE 10/1 "BR/EDR Security (SEC)" OR CORE 10/2 "Link Manager Protocol (LMP)" OR CORE 10/3 "Baseband (BB)" OR CORE 10/4 "Radio Frequency (RF)" OR CORE 10/10 "Isochronous Adaptation Layer (IAL)" OR CORE 10/11 "LE Security (LESEC)" OR CORE 10/12 "Link Layer (LL)" OR CORE 10/13 "Radio Frequency Physical Layer (RFPHY)" OR CORE 10/14 "Channel Sounding (CS)" OR CORE 10/20 "PAL for 802.11 MAC/PHY (802.11 PAL)" OR CORE 12/2 "Lower HCI role")

Item	Capability	Reference	Support	Status	Comment
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Table 32: (auto-fill) Core-Complete Configurations

Item	Capability	Reference	Support	Status	Comment
32/3	BR/EDR/LE Core- Complete Configuration	[8] 2.3.3	C.3	☑	C.3: Mandatory IF CORE 20/1 "BR/EDR Controller Layers" AND CORE 20/2 "BR/EDR Host Layers" AND CORE 20/3 "LE Controller Layers" AND CORE 20/4 "LE Host Layers" AND NOT (CORE 10/20 "PAL for 802.11 MAC/PHY (802.11 PAL)" AND CORE 11/20 "AMP Manager Protocol (A2MP)"), otherwise Excluded.

Table 40: (auto-fill) Configurations

Item	Capability	Reference	Support	Status	Comment
40/3	Core- Complete	[8] 2.3	C.3	☑	C.3: Mandatory IF CORE 32/1 "BR/EDR Core-Complete Configuration" OR CORE 32/2 "LE Core-Complete Configuration" OR CORE 32/3 "BR/EDR/LE Core-Complete Configuration" OR CORE 32/4 "HS Core-Complete Configuration" OR CORE 32/5 "HS/LE Core-Complete Configuration", otherwise Excluded.

Table 41: (auto-fill) Transport Configurations

Item	Capability	Reference	Support	Status	Comment
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41/3	BR/EDR/LE Core Configuration	[8] 2	C.3	☑	C.3: Mandatory IF CORE 30/3 "BR/EDR/LE Core-Controller Configuration" OR CORE 30/5 "HS/LE Core-Controller Configuration" OR CORE 31/3 "BR/EDR/LE Core-Host Configuration" OR CORE 31/5 "HS/LE Core-Host Configuration" OR CORE 32/3 "BR/EDR/LE Core-Complete Configuration" OR CORE 32/5 "HS/LE Core-Complete Configuration", otherwise Excluded.
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Coordinated Set Identification Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Set Member	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
1/2	Set Coordinator	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1] 2.5	C.1	☑	C.1: Mandatory to support at least one.

Table 3: Set Member, X.Y Versions

Prerequisite: CSIP 1/1 "Set Member"

Item	Capability	Reference	Support	Status	Comment
3/1	Coordinated Set Identification Profile v1.0	[1]	M	☑	

Table 4: Set Member, X.Y.Z Versions

Prerequisite: CSIP 1/1 "Set Member"

Item	Capability	Reference	Support	Status	Comment
4/2	Coordinated Set Identification Profile v1.0.1	[1]	O	☑	

Table 5: Services Requirements

Prerequisite: CSIP 1/1 "Set Member"

Item	Capability	Reference	Support	Status	Comment
5/1	Coordinated Set Identification Service	[1] 3	M	☑	
5/2	PSRI AD Type field over LE	[1] 3.1.1	C.1	☑	C.1: Mandatory IF CSIP 2/2 "Profile supported over LE", otherwise Excluded.
5/4	Encrypted SIRK	[1] 4.6.1	C.3	☑	C.3: Mandatory to support at least one.
5/5	Plaintext SIRK	[1] 4.6.1	C.3	☑	C.3: Mandatory to support at least one.

Table 6: GAP Requirements - Set Member Role

Prerequisite: CSIP 1/1 "Set Member"

Item	Capability	Reference	Support	Status	Comment
6/1	LE security mode 1	[1] 6.1	C.1	☑	C.1: Mandatory IF CSIP 2/2 "Profile supported over LE", otherwise not defined.
6/2	Peripheral	[1] 2.4.1	C.1	☑	C.1: Mandatory IF CSIP 2/2 "Profile supported over LE", otherwise not defined.
6/6	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 6	C.5	☑	C.5: Mandatory to support at least one IF CSIP 2/2 "Profile supported over LE", otherwise not defined.
6/7	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 6	C.5	☑	C.5: Mandatory to support at least one IF CSIP 2/2 "Profile supported over LE", otherwise not defined.

6/9	Minimum 128 Bit entropy key (LE)	[1] 6.1	C.6	☑	C.6: Mandatory IF CSIP 6/6 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR CSIP 6/7 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
6/15	LE Secure Connections (Peripheral)	[1] 6.1	C.9	☑	C.9: Mandatory to support at least one IF CSIP 2/2 "Profile supported over LE", otherwise not defined.

Table 8: Set Coordinator, X.Y Versions

Prerequisite: CSIP 1/2 "Set Coordinator"

Item	Capability	Reference	Support	Status	Comment
8/1	Coordinated Set Identification Profile v1.0	[1]	M	☑	

Table 9: Set Coordinator, X.Y.Z Versions

Prerequisite: CSIP 1/2 "Set Coordinator"

Item	Capability	Reference	Support	Status	Comment
9/2	Coordinated Set Identification Profile v1.0.1	[1]	O	☑	

Table 10: Service Support

Prerequisite: CSIP 1/2 "Set Coordinator"

Item	Capability	Reference	Support	Status	Comment
10/1	Discover Coordinated Set Identification Service	[1] 4.2	M	☑	

Table 11: Characteristic Support Requirements

Prerequisite: CSIP 10/1 "Discover Coordinated Set Identification Service"

Item	Capability	Reference	Support	Status	Comment
11/1	Set Identity Resolving Key Characteristic	[1] 4.3	M	☑	
11/2	Coordinated Set Size Characteristic	[1] 4.3	M	☑	
11/3	Set Member Lock Characteristic	[1] 4.3	M	☑	
11/4	Set Member Rank Characteristic	[1] 4.3	M	☑	

Table 12: Procedure Support Requirements

Prerequisite: CSIP 10/1 "Discover Coordinated Set Identification Service"

Item	Capability	Reference	Support	Status	Comment
12/1	Coordinated Set Discovery	[1] 4.6.1	M	☑	
12/2	Set Members Discovery	[1] 4.6.2	M	☑	
12/3	Lock Request	[1] 4.6.3	M	☑	
12/4	Lock Release	[1] 4.6.4	M	☑	
12/5	Ordered Access	[1] 4.6.5	M	☑	

Table 13: Set Coordinator GATT Requirements

Prerequisite: CSIP 1/2 "Set Coordinator"

Item	Capability	Reference	Support	Status	Comment
13/1	Discover All Primary Services	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.
13/2	Discover Primary Services by Service UUID	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.
13/3	Find Included Services	[1] 4.1	M	☑	
13/4	Discover All Characteristics of a Service	[1] 4.1	C.2	☑	C.2: Mandatory to support at least one.
13/5	Discover Characteristics by UUID	[1] 4.1	C.2	☑	C.2: Mandatory to support at least one.
13/6	Discover All Characteristic Descriptors	[1] 4.1	M	☑	

13/7	Read Characteristic Value	[1] 4.1	M	☑	
13/8	Write Characteristic Value	[1] 4.1	M	☑	
13/9	Notifications	[1] 4.1	O	☑	
13/10	Read Characteristic Descriptors	[1] 4.1	M	☑	
13/11	Write Characteristic Descriptors	[1] 4.1	C.3	☑	C.3: Mandatory IF CSIP 13/9 "Notifications", otherwise not defined.

Table 14: GAP Requirements - Set Coordinator Role

Prerequisite: CSIP 1/2 "Set Coordinator"

Item	Capability	Reference	Support	Status	Comment
14/2	Central	[1] 2.4.1	C.2	☑	C.2: Mandatory IF CSIP 2/2 "Profile supported over LE", otherwise not defined.
14/3	LE security mode 1	[1] 6.2	C.2	☑	C.2: Mandatory IF CSIP 2/2 "Profile supported over LE", otherwise not defined.
14/15	LE Secure Connections (Central)	[1] 6.1	C.8	☑	C.8: Mandatory to support at least one IF CSIP 2/2 "Profile supported over LE", otherwise not defined.

Coordinated Set Identification Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	CSIS v1.0	[1] 2.1	M	☑	

Table 0a: X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
0a/2	CSIS v1.0.1	[1] 2.1	O	☑	

Table 1: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Coordinated Set Identification Service Requirements

Item	Capability	Reference	Support	Status	Comment
2/1	Set Identity Resolving Key Characteristic	[1] 5.1	M	☑	
2/2	Coordinated Set Size Characteristic	[1] 5.2	O	☑	
2/4	Set Member Rank Characteristic	[1] 5.4	C.1	☑	C.1: Mandatory IF CSIS 2/3 "Set Member Lock Characteristic", otherwise Optional.
2/5	Encrypted SIRK	[1] 2.2, 5.1.1	C.2	☑	C.2: Mandatory to support at least one.
2/6	Plaintext SIRK	[1] 2.2, 5.1.1	C.2	☑	C.2: Mandatory to support at least one.

Table 3: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
3/1	Write Characteristic Value	[1] 1.4	C.1	☑	C.1: Mandatory IF CSIS 2/3 "Set Member Lock Characteristic", otherwise Optional.

3/2	Notifications	[1] 1.4	C.1	☑	C.1: Mandatory IF CSIS 2/3 "Set Member Lock Characteristic", otherwise Optional.
3/3	Read Characteristic Descriptors	[1] 1.4	C.1	☑	C.1: Mandatory IF CSIS 2/3 "Set Member Lock Characteristic", otherwise Optional.
3/4	Write Characteristic Descriptors	[1] 1.4	C.1	☑	C.1: Mandatory IF CSIS 2/3 "Set Member Lock Characteristic", otherwise Optional.
3/6	GATT Server over LE	[1] 1.4	C.3	☑	C.3: Mandatory IF CSIS 1/2 "Service supported over LE", otherwise not defined.

Table 4: SDP Requirements

Prerequisite: CSIS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Generic Access Profile

Table 0: Device Configuration

Item	Capability	Reference	Support	Status	Comment
0/3	BR/EDR/LE	[2] 1.1	C.3, C.4	☑	C.3: Mandatory IF CORE 41/3 "BR/EDR/LE Core Configuration", otherwise Optional. C.4: Mandatory to support one and only one.

Table 1: Modes

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
1/1	Non-discoverable mode	[1] 4.1.1	C.1	☑	C.1: Mandatory IF GAP 1/2 "Limited discoverable mode" OR NOT GAP 1/3 "General discoverable mode", otherwise Optional.
1/3	General discoverable mode	[1] 4.1.3	O	☑	
1/4	Non-connectable mode	[1] 4.2.1	O	☑	
1/5	Connectable mode	[1] 4.2.2	M	☑	
1/6	Non-bondable mode	[1] 4.3.1	O	☑	
1/7	Bondable mode	[1] 4.3.2	C.2	☑	C.2: Mandatory IF GAP 3/5 "Initiation of general bonding", otherwise Optional.

Table 2: Security Aspects

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
2/1	Authentication procedure	[1] 5.1	C.1	☑	C.1: Mandatory IF GAP 2/5 "Security mode 2" OR GAP 2/6 "Security mode 3", otherwise Optional.
2/2	Support of LMP-Authentication	[1] 5.1	M	☑	
2/3	Initiate LMP-Authentication	[1] 5.1	C.5	☑	C.5: Mandatory IF GAP 2/5 "Security mode 2" OR GAP 2/6 "Security mode 3" OR GAP 2/7 "Security mode 4", otherwise Optional.
2/7	Security mode 4	[1] 5.2.2	M	☑	
2/7a	Security mode 4, level 4	[4] 5.2.2.8	C.9	☑	C.9: Optional IF GAP 2/7 "Security mode 4", otherwise Excluded.
2/7b	Security mode 4, level 3	[4] 5.2.2.8	C.9	☑	C.9: Optional IF GAP 2/7 "Security mode 4", otherwise Excluded.
2/7c	Security mode 4, level 2	[4] 5.2.2.8	C.9	☑	C.9: Optional IF GAP 2/7 "Security mode 4", otherwise Excluded.
2/7d	Security mode 4, level 1	[4] 5.2.2.8	C.9	☑	C.9: Optional IF GAP 2/7 "Security mode 4", otherwise Excluded.

2/8	Authenticated link key	[1] 5.2.2	C.6	☑	C.6: Mandatory to support at least one IF GAP 2/7 "Security mode 4", otherwise Excluded.
2/9	Unauthenticated link key	[1] 5.2.2	C.6	☑	C.6: Mandatory to support at least one IF GAP 2/7 "Security mode 4", otherwise Excluded.
2/10	Security Optional	[1] 5.2.2	C.6	☑	C.6: Mandatory to support at least one IF GAP 2/7 "Security mode 4", otherwise Excluded.
2/13	128-bit encryption key size capable	[4] 5.2.2.8	C.11	☑	C.11: Mandatory IF GAP 2/13a "128-bit encryption key size capable, Security mode 4, level 4" OR GAP 2/13b "128-bit encryption key size capable, Security mode 4, level 3" OR GAP 2/13c "128-bit encryption key size capable, Security mode 4, level 2" OR GAP 2/13d "128-bit encryption key size capable, Security mode 4, level 1", otherwise Excluded.
2/13a	128-bit encryption key size capable, Security mode 4, level 4	[4] 5.2.2.8	C.12	☑	C.12: Mandatory IF GAP 2/7a "Security mode 4, level 4", otherwise Excluded.

Table 3: Idle Mode Procedures

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
3/1	Initiation of general inquiry	[1] 6.1	C.1	☑	C.1: Mandatory to support at least one IF GAP 3/5 "Initiation of general bonding", otherwise Optional.
3/3	Initiation of name discovery	[1] 6.3	O	☑	
3/4	Initiation of device discovery	[1] 6.4	O	☑	
3/5	Initiation of general bonding	[1] 6.5	O	☑	

Table 4: Establishment Procedures

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
4/1	Link Establishment as initiator	[1] 7.1	M	☑	
4/2	Link Establishment as acceptor	[1] 7.1	M	☑	
4/4	Channel Establishment as acceptor	[1] 7.2	M	☑	
4/5	Connection Establishment as initiator	[1] 7.3	O	☑	
4/6	Connection Establishment as acceptor	[1] 7.3	O	☑	

Table 4a: L2CAP Requirements

Prerequisite: GAP 0/1 "BR/EDR" OR GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
4a/1	Detect insufficient authentication	[1] 5.1	C.1	☑	C.1: Mandatory IF GAP 2/1 "Authentication procedure", otherwise not defined.

Table 4b: GAP Characteristics

Prerequisite: GATT 1a/4 "GATT Server over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
4b/1	Device Name	[2] 12.1	M	☑	
4b/2	Appearance	[2] 12.2	M	☑	

Table 5: LE Roles

Prerequisite: GAP 0/2 "LE"

Item	Capability	Reference	Support	Status	Comment
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Table 6: Broadcaster Physical Layer

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
6/1	Transmitter	[2] 2.2.2	M	☑	
6/2	Receiver	[2] 2.2.2	O	☑	

Table 7: Broadcaster Link Layer States

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
7/1	Standby State	[2] 2.2.2, 2.2.2.1	M	☑	
7/2	Advertising State	[2] 2.2.2, 2.2.2.1	M	☑	
7/3	Isochronous Broadcasting State	[10] 2.2.2, 2.2.2.1	C.1	☑	C.1: Optional IF CORE 2a/52 "Host Core v5.2 or later", otherwise not defined.

Table 8: Broadcaster Link Layer Advertising Event Types

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
8/1	Non-connectable and non-scannable undirected events	[2] 2.2.2	M	☑	
8/2	Scannable undirected events	[2] 2.2.2	O	☑	
8/3	Non-connectable and non-scannable directed events	[7] 2.2.2	C.1	☑	C.1: Optional IF GAP 8/5 "LE Extended Advertising", otherwise not defined.
8/4	Scannable directed events	[7] 2.2.2	C.1	☑	C.1: Optional IF GAP 8/5 "LE Extended Advertising", otherwise not defined.
8/5	LE Extended Advertising	[7] 2.2.2	O	☑	

Table 8a: Broadcaster Link Layer Advertising Data Types

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
8a/1	Service UUID	[3] 1.1	O	☑	
8a/2	Local Name	[3] 1.2	O	☑	
8a/3	Flags	[3] 1.3	O	☑	
8a/4	Manufacturer Specific Data	[3] 1.4	O	☑	
8a/5	TX Power Level	[3] 1.5	O	☑	

Table 9: Broadcaster Connection Modes and Procedures

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
9/1	Non-connectable mode	[2] 9.3.2	M	☑	

Table 10: Broadcaster Broadcasting and Observing Features

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
10/1	Broadcast mode	[2] 9.1.1	M	☑	
10/2	Broadcast Isochronous Synchronizability mode	[10] 9.6.1	C.1	☑	C.1: Mandatory IF GAP 10/3 "Broadcast Isochronous Broadcasting mode", otherwise Excluded.
10/3	Broadcast Isochronous Broadcasting mode	[10] 9.6.2	C.2	☑	C.2: Optional IF CORE 2a/52 "Host Core v5.2 or later", otherwise Excluded.
10/4	Broadcast Isochronous Terminate procedure	[10] 9.6.5	C.1	☑	C.1: Mandatory IF GAP 10/3 "Broadcast Isochronous Broadcasting mode", otherwise Excluded.

10/5	Broadcast Isochronous Channel Map Update procedure	[10] 9.6.4	C.1	☑	C.1: Mandatory IF GAP 10/3 "Broadcast Isochronous Broadcasting mode", otherwise Excluded.
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Table 11: Broadcaster Privacy Feature

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Table 11a: Periodic Advertising Modes and Procedures

Prerequisite: (GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)") AND CORE 2a/50 "Host Core v5.0 or later"

Item	Capability	Reference	Support	Status	Comment
11a/1	Periodic Advertising Synchronizability mode	[7] 9.5.1	C.1	☑	C.1: Optional IF GAP 11a/2 "Periodic Advertising", otherwise Excluded.
11a/2	Periodic Advertising	[7] 9.5.2	O	☑	

Table 11b: Broadcaster Security Aspects Features

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
11b/1	LE security mode 3	[10] 10.2.5	C.1	☑	C.1: Mandatory IF GAP 10/2 "Broadcast Isochronous Synchronizability mode", otherwise Excluded.
11b/2	LE security mode 3 level 1	[10] 10.2.5	C.2	☑	C.2: Mandatory to support at least one IF GAP 11b/1 "LE security mode 3", otherwise Excluded.
11b/3	LE security mode 3 level 2	[10] 10.2.5	C.2	☑	C.2: Mandatory to support at least one IF GAP 11b/1 "LE security mode 3", otherwise Excluded.
11b/4	LE security mode 3 level 3	[10] 10.2.5	C.2	☑	C.2: Mandatory to support at least one IF GAP 11b/1 "LE security mode 3", otherwise Excluded.

Table 11c: SM Requirements

Prerequisite: GAP 5/1 "Broadcaster (LE)" OR GAP 38/1 "Broadcaster (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Table 12: Observer Physical Layer

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
12/1	Receiver	[2] 2.2.2	M	☑	
12/2	Transmitter	[2] 2.2.2	O	☑	

Table 13: Observer Link Layer States

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
13/1	Standby State	[2] 2.2.2	M	☑	
13/2	Scanning State	[2] 2.2.2	M	☑	

Table 14: Observer Link Layer Scanning Types

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
14/1	Passive Scanning	[2] 2.2.2	M	☑	
14/2	Active Scanning	[2] 2.2.2	O	☑	

Table 14a: Observer Link Layer Scanning Data Types

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Table 15: Observer Connection Modes and Procedures

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
15/1	Non-connectable mode	[2] 9.3.2	M	☒	

Table 16: Observer Broadcasting and Observing Features

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
16/1	Observation procedure	[2] 9.1.2	M	☒	
16/2	Broadcast Isochronous Synchronization Establishment procedure	[10] 9.6.3	C.1	☒	C.1: Optional IF CORE 2a/52 "Host Core v5.2 or later", otherwise Excluded.
16/3	Broadcast Isochronous Termination procedure	[10] 9.6.5	C.2	☒	C.2: Mandatory IF GAP 16/2 "Broadcast Isochronous Synchronization Establishment procedure", otherwise Excluded.
16/4	Broadcast Isochronous Channel Map Update procedure	[10] 9.6.4	C.2	☒	C.2: Mandatory IF GAP 16/2 "Broadcast Isochronous Synchronization Establishment procedure", otherwise Excluded.

Table 17: Observer Privacy Feature

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Table 17a: Periodic Advertising Modes and Procedures

Prerequisite: (GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)") AND CORE 2a/50 "Host Core v5.0 or later"

Item	Capability	Reference	Support	Status	Comment
17a/1	Periodic Advertising Synchronization Establishment procedure without listening for periodic advertising	[7] 9.5.3	O	☒	
17a/2	Periodic Advertising Synchronization Establishment procedure with listening for periodic advertising	[7] 9.5.3	O	☒	
17a/4	Scanning for Periodic Advertising	[7] 9.5.3	C.1	☒	C.1: Mandatory IF GAP 17a/1 "Periodic Advertising Synchronization Establishment procedure without listening for periodic advertising", otherwise not defined.
17a/5	Synchronizing to Periodic Advertising	[7] 9.5.3	C.2	☒	C.2: Mandatory IF GAP 17a/2 "Periodic Advertising Synchronization Establishment procedure with listening for periodic advertising", otherwise not defined.

Table 17b: Observer Security Aspects Features

Prerequisite: GAP 5/2 "Observer (LE)" OR GAP 38/2 "Observer (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
17b/1	LE security mode 3	[10] 10.2.5	C.1	☒	C.1: Mandatory IF GAP 16/2 "Broadcast Isochronous Synchronization Establishment procedure", otherwise Excluded.
17b/2	LE security mode 3 level 1	[10] 10.2.5	C.2	☒	C.2: Mandatory to support at least one IF GAP 17b/1 "LE security mode 3", otherwise Excluded.
17b/3	LE security mode 3 level 2	[10] 10.2.5	C.2	☒	C.2: Mandatory to support at least one IF GAP 17b/1 "LE security mode 3", otherwise Excluded.
17b/4	LE security mode 3 level 3	[10] 10.2.5	C.2	☒	C.2: Mandatory to support at least one IF GAP 17b/1 "LE security mode 3", otherwise Excluded.

Table 18: Peripheral Physical Layer

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
18/1	Transmitter	[2] 2.2.2	M	☒	
18/2	Receiver	[2] 2.2.2	M	☒	

Table 19: Peripheral Link Layer States

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
19/1	Standby State	[2] 2.2.2	M	☑	
19/2	Advertising State	[2] 2.2.2	M	☑	
19/3	Connection State (Peripheral Role)	[4] 2.2.2	M	☑	

Table 20: Peripheral Link Layer Advertising Event Types

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
20/1	Connectable and scannable undirected events	[4] 2.2.2	M	☑	
20/2	Connectable directed events	[4] 2.2.2	O	☑	
20/3	Non-connectable and non-scannable undirected events	[4] 2.2.2, 9.3.2.2, 9.3.11.2	O	☑	
20/4	Scannable undirected events	[4] 2.2.2, 9.3.4.2	O	☑	
20/5	Connectable undirected events	[7] 2.2.2	C.1	☑	C.1: Optional IF GAP 20/8 "LE Extended Advertising", otherwise not defined.
20/8	LE Extended Advertising	[7] 2.2.2	O	☑	

Table 20A: Peripheral Link Layer Advertising Data Types

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
20A/1	Service UUID	[3] 1.1	C.1	☑	C.1: Optional IF GAP 20/1 "Connectable and scannable undirected events" OR GAP 20/3 "Non-connectable and non-scannable undirected events" OR GAP 20/4 "Scannable undirected events", otherwise Excluded.
20A/2	Local Name	[3] 1.2	C.1	☑	C.1: Optional IF GAP 20/1 "Connectable and scannable undirected events" OR GAP 20/3 "Non-connectable and non-scannable undirected events" OR GAP 20/4 "Scannable undirected events", otherwise Excluded.
20A/3	Flags	[3] 1.3	C.2	☑	C.2: Mandatory IF GAP 22/2 "Limited discoverable mode" OR GAP 22/3 "General discoverable mode", otherwise Optional.
20A/4	Manufacturer Specific Data	[3] 1.4	C.1	☑	C.1: Optional IF GAP 20/1 "Connectable and scannable undirected events" OR GAP 20/3 "Non-connectable and non-scannable undirected events" OR GAP 20/4 "Scannable undirected events", otherwise Excluded.
20A/5	TX Power Level	[3] 1.5	C.1	☑	C.1: Optional IF GAP 20/1 "Connectable and scannable undirected events" OR GAP 20/3 "Non-connectable and non-scannable undirected events" OR GAP 20/4 "Scannable undirected events", otherwise Excluded.

Table 21: Peripheral Link Layer Control Procedures

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
21/1	Connection Update procedure	[4] 2.2.2	M	☑	
21/2	Channel Map Update procedure	[4] 2.2.2	M	☑	
21/3	Encryption procedure	[4] 2.2.2	C.3	☑	C.3: Mandatory IF GAP 25/6 "Authenticate signed data procedure" OR GAP 25/7 "Authenticated Pairing (LE security mode 1 level 3)" OR GAP 25/9 "LE security mode 1 level 4", otherwise Optional.
21/4	Central-initiated Feature Exchange procedure	[4] 2.2.2	M	☑	

21/5	Version Exchange procedure	[4] 2.2.2	M	☑	
21/6	Termination procedure	[4] 2.2.2	M	☑	

Table 22: Peripheral Discovery Modes and Procedures

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
22/1	Non-discoverable mode	[4] 9.2.2, 13.1	M	☑	
22/3	General discoverable mode	[4] 9.2.4, 13.1	C.1	☑	C.1: Mandatory IF NOT GAP 22/2 "Limited discoverable mode", otherwise Optional.
22/4	Name discovery procedure	[2] 9.2.7	O	☑	

Table 23: Peripheral Connection Modes and Procedures

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
23/1	Non-connectable mode	[4] 9.3.2	M	☑	
23/2	Directed connectable mode	[4] 9.3.3	O	☑	
23/3	Undirected connectable mode	[4] 9.3.4	M	☑	
23/4	Connection parameter update procedure	[4] 9.3.9	O	☑	
23/5	Terminate connection procedure	[4] 9.3.10	M	☑	
23/6	Connected Isochronous Stream Peripheral Establishment procedure	[10] 9.3.14	C.1	☑	C.1: Mandatory IF GAP 23/7a "Connected Isochronous Stream - Peripheral", otherwise Excluded.
23/7	Connected Isochronous Stream Terminate procedure	[10] 9.3.15	C.1	☑	C.1: Mandatory IF GAP 23/7a "Connected Isochronous Stream - Peripheral", otherwise Excluded.
23/7a	Connected Isochronous Stream - Peripheral	[10] 9.3.14, 9.3.15	O	☑	

Table 23a: Channel Sounding Procedure Support and Roles

Prerequisite: (GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)") AND CORE 2a/60 "Host Core v6.0 or later"

Item	Capability	Reference	Support	Status	Comment
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Table 24: Peripheral Bonding Modes and Procedures

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
24/1	Non-bondable mode	[2] 9.4.2	M	☑	
24/2	Bondable mode	[4] 9.4.3, 13.2	O	☑	
24/3	Bonding procedure	[4] 9.4.4, 13.2	C.2	☑	C.2: Mandatory IF GAP 24/2 "Bondable mode", otherwise Excluded.

Table 25: Peripheral Security Aspects Features

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
25/1	LE security mode 1	[4] 10.2.1	O	☑	
25/2	LE security mode 2	[4] 10.2.2	O	☑	
25/3	Authentication procedure	[4] 10.3	O	☑	
25/4	Authorization procedure	[4] 10.5	O	☑	
25/5	Connection data signing procedure	[4] 10.4.1	C.6	☑	C.6: Mandatory to support at least one IF GAP 25/2 "LE security mode 2", otherwise Optional.

25/6	Authenticate signed data procedure	[4] 10.4.2	C.6	☑	C.6: Mandatory to support at least one IF GAP 25/2 "LE security mode 2", otherwise Optional.
25/7	Authenticated Pairing (LE security mode 1 level 3)	[4] 10.2.1	C.1	☑	C.1: Optional IF GAP 25/1 "LE security mode 1", otherwise Excluded.
25/8	Unauthenticated Pairing (LE security mode 1 level 2)	[4] 10.2.1	C.1	☑	C.1: Optional IF GAP 25/1 "LE security mode 1", otherwise Excluded.
25/9	LE security mode 1 level 4	[5] 10.2.1	C.1	☑	C.1: Optional IF GAP 25/1 "LE security mode 1", otherwise Excluded.
25/11	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[5] 10.2.1	C.1	☑	C.1: Optional IF GAP 25/1 "LE security mode 1", otherwise Excluded.
25/12	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[5] 10.2.1	C.1	☑	C.1: Optional IF GAP 25/1 "LE security mode 1", otherwise Excluded.
25/13	Minimum 128-bit entropy key	[5] 10.2.1	C.5	☑	C.5: Mandatory IF GAP 25/13a "Minimum 128-bit entropy key, LE security mode 1 level 4" OR GAP 25/13b "Minimum 128-bit entropy key, LE security mode 1 level 3" OR GAP 25/13c "Minimum 128-bit entropy key, LE security mode 1 level 2", otherwise Excluded.
25/13a	Minimum 128-bit entropy key, LE security mode 1 level 4	[5] 10.2.1	C.7	☑	C.7: Mandatory IF GAP 25/9 "LE security mode 1 level 4", otherwise Excluded.
25/13b	Minimum 128-bit entropy key, LE security mode 1 level 3	[5] 10.2.1	C.8	☑	C.8: Optional IF GAP 25/12 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise Excluded.
25/13c	Minimum 128-bit entropy key, LE security mode 1 level 2	[5] 10.2.1	C.9	☑	C.9: Optional IF GAP 25/11 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only", otherwise Excluded.
25/14	Client security checks for GATT indications and notifications	[11] 10.3.2.2	O	☑	

Table 25a: Channel Sounding Features

Prerequisite: (GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)") AND GAP 23a/3 "Channel Sounding procedure for GAP Peripheral"

Item	Capability	Reference	Support	Status	Comment

Table 26: Peripheral Privacy Feature

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment

Table 27: Peripheral GAP Characteristics

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
27/1	Device Name	[2] 12.1	M	☑	
27/2	Appearance	[2] 12.2	M	☑	

Table 27a: Periodic Advertising Modes and Procedures

Prerequisite: (GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)") AND CORE 2a/51 "Host Core v5.1 or later"

Item	Capability	Reference	Support	Status	Comment

Table 27b: SM Requirements

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
27b/1	Peripheral Role (Responder)	N/A	M	☑	
27b/2	Authenticated MITM protection	[4] 10.3	C.1	☑	C.1: Mandatory IF GAP 25/7 "Authenticated Pairing (LE security mode 1 level 3)" OR GAP 25/12 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only" OR (GAP 25/2 "LE security mode 2" AND GAP 25/3 "Authentication procedure"), otherwise not defined.

27b/3	Unauthenticated no MITM protection	[4] 10.3	C.2	☑	C.2: Mandatory IF GAP 25/8 "Unauthenticated Pairing (LE security mode 1 level 2)" OR GAP 25/11 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR (GAP 25/2 "LE security mode 2" AND NOT GAP 25/3 "Authentication procedure"), otherwise not defined.
27b/5	LE Secure Connections	[4] 10.2.1	C.4	☑	C.4: Mandatory IF GAP 25/9 "LE security mode 1 level 4" OR GAP 25/11 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR GAP 25/12 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
27b/6	Encryption Key	[4] 9.4.3	C.5	☑	C.5: Mandatory IF GAP 24/2 "Bondable mode", otherwise not defined.
27b/8	Signing Key	[4] 10.4	C.7	☑	C.7: Mandatory IF GAP 25/6 "Authenticate signed data procedure", otherwise not defined.
27b/10	Peripheral Initiated Security	[4] 10.3	O	☑	

Table 27c: L2CAP Requirements

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
27c/1	Detect insufficient authentication	[4] 10.3	C.1	☑	C.1: Mandatory IF GAP 25/3 "Authentication procedure", otherwise not defined.
27c/2	Detect insufficient authorization	[4] 10.5	C.2	☑	C.2: Mandatory IF GAP 25/4 "Authorization procedure", otherwise not defined.
27c/3	Detect insufficient encryption	[4] 2.2.2	C.3	☑	C.3: Mandatory IF GAP 21/3 "Encryption procedure", otherwise not defined.

Table 28: Central Physical Layer

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
28/1	Transmitter	[2] 2.2.2	M	☑	
28/2	Receiver	[2] 2.2.2	M	☑	

Table 29: Central Link Layer States

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
29/1	Standby State	[2] 2.2.2	M	☑	
29/2	Scanning State	[2] 2.2.2	M	☑	
29/3	Initiating State	[2] 2.2.2	M	☑	
29/4	Connection State (Central Role)	[2] 2.2.2	M	☑	

Table 30: Central Link Layer Scanning Types

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
30/1	Passive Scanning	[2] 2.2.2	C.1	☑	C.1: Mandatory to support at least one.
30/2	Active Scanning	[2] 2.2.2	C.1	☑	C.1: Mandatory to support at least one.

Table 30a: Central Link Layer Scanning Data Types

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Table 31: Central Link Layer Control Procedures

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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31/1	Connection Update procedure	[2] 2.2.2	M	☑	
31/2	Channel Map Update procedure	[2] 2.2.2	M	☑	
31/3	Encryption procedure	[2] 2.2.2	C.3	☑	C.3: Mandatory IF GAP 35/6 "Authenticate signed data procedure" OR GAP 35/7 "Authenticated Pairing (LE security mode 1 level 3)" OR GAP 35/9 "LE security mode 1 level 4", otherwise Optional.
31/4	Central-initiated Feature Exchange procedure	[2] 2.2.2	M	☑	
31/5	Version Exchange procedure	[2] 2.2.2	M	☑	
31/6	Termination procedure	[2] 2.2.2	M	☑	

Table 32: Central Discovery Modes and Procedures

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
32/2	General Discovery procedure	[4] 9.2.6	M	☑	
32/3	Name Discovery procedure	[4] 9.2.7	O	☑	

Table 33: Central Connection Modes and Procedures

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
33/4	Direct connection establishment procedure	[2] 9.3.8	M	☑	
33/5	Connection parameter update procedure	[2] 9.3.9	M	☑	
33/6	Terminate connection procedure	[2] 9.3.10	M	☑	
33/7	Connected Isochronous Stream Central Establishment procedure	[10] 9.3.13	C.1	☑	C.1: Mandatory IF GAP 33/8a "Connected Isochronous Stream - Central", otherwise Excluded.
33/8	Connected Isochronous Stream Terminate procedure	[10] 9.3.15	C.1	☑	C.1: Mandatory IF GAP 33/8a "Connected Isochronous Stream - Central", otherwise Excluded.
33/8a	Connected Isochronous Stream - Central	[10] 9.3.13, 9.3.15	O	☑	

Table 33a: Channel Sounding Procedure Support and Roles

Prerequisite: (GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)") AND CORE 2a/60 "Host Core v6.0 or later"

Item	Capability	Reference	Support	Status	Comment
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Table 34: Central Bonding Modes and Procedures

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
34/1	Non-bondable mode	[4] 9.4.2, 13.2	M	☑	
34/2	Bondable mode	[4] 9.4.3, 13.2	O	☑	
34/3	Bonding procedure	[4] 9.4.4, 13.2	C.1	☑	C.1: Mandatory IF GAP 34/2 "Bondable mode", otherwise Excluded.

Table 35: Central Security Features

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
35/1	LE security mode 1	[2] 10.2.1	O	☑	
35/2	LE security mode 2	[2] 10.2.2	O	☑	
35/3	Authentication procedure	[2] 10.3	O	☑	

35/4	Authorization procedure	[2] 10.5	O	☑	
35/5	Connection data signing procedure	[2] 10.4.1	O	☑	
35/6	Authenticate signed data procedure	[2] 10.4.3	O	☑	
35/7	Authenticated Pairing (LE security mode 1 level 3)	[2] 10.2.1	C.1	☑	C.1: Optional IF GAP 35/1 "LE security mode 1", otherwise Excluded.
35/8	Unauthenticated Pairing (LE security mode 1 level 2)	[2] 10.2.1	C.1	☑	C.1: Optional IF GAP 35/1 "LE security mode 1", otherwise Excluded.
35/9	LE security mode 1 level 4	[5] 10.2.1	C.1	☑	C.1: Optional IF GAP 35/1 "LE security mode 1", otherwise Excluded.
35/11	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[5] 10.2.1	C.1	☑	C.1: Optional IF GAP 35/1 "LE security mode 1", otherwise Excluded.
35/12	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[5] 10.2.1	C.1	☑	C.1: Optional IF GAP 35/1 "LE security mode 1", otherwise Excluded.
35/13	Minimum 128-bit entropy key	[5] 10.2.1	C.4	☑	C.4: Mandatory IF GAP 35/13a "Minimum 128-bit entropy key, LE security mode 1 level 4" OR GAP 35/13b "Minimum 128-bit entropy key, LE security mode 1 level 3" OR GAP 35/13c "Minimum 128-bit entropy key, LE security mode 1 level 2", otherwise Excluded.
35/13a	Minimum 128-bit entropy key, LE security mode 1 level 4	[5] 10.2.1	C.5	☑	C.5: Mandatory IF GAP 35/9 "LE security mode 1 level 4", otherwise Excluded.
35/13b	Minimum 128-bit entropy key, LE security mode 1 level 3	[5] 10.2.1	C.6	☑	C.6: Optional IF GAP 35/12 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise Excluded.
35/13c	Minimum 128-bit entropy key, LE security mode 1 level 2	[5] 10.2.1	C.7	☑	C.7: Optional IF GAP 35/11 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only", otherwise Excluded.
35/15	Client security checks for GATT indications and notifications	[11] 10.3.2.2	O	☑	

Table 35a: Channel Sounding Features

Prerequisite: (GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)") AND GAP 33a/3 "Channel Sounding procedure for GAP Central"

Item	Capability	Reference	Support	Status	Comment
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Table 36: Central Privacy Feature

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Table 37: Central GAP Characteristics

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
37/1	Device Name	[2] 12.1	M	☑	
37/2	Appearance	[2] 12.2	M	☑	
37/3	Central Address Resolution	[5] 12.4	O	☑	
37/3a	Resolution of private addresses	[5] 12.4	C.1	☑	C.1: Mandatory IF GAP 37/3 "Central Address Resolution", otherwise not defined.

Table 37a: Periodic Advertising Modes and Procedures

Prerequisite: (GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)") AND CORE 2a/51 "Host Core v5.1 or later"

Item	Capability	Reference	Support	Status	Comment
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Table 37b: SM Requirements

Prerequisite: GAP 5/4 "Central (LE)" OR GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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37b/1	Central Role (Initiator)	N/A	M	☑	
37b/2	Authenticated MITM protection	[4] 10.3	C.1	☑	C.1: Mandatory IF GAP 35/7 "Authenticated Pairing (LE security mode 1 level 3)" OR GAP 35/12 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only" OR (GAP 35/2 "LE security mode 2" AND GAP 35/3 "Authentication procedure"), otherwise not defined.
37b/3	Unauthenticated no MITM protection	[4] 10.3	C.2	☑	C.2: Mandatory IF GAP 35/8 "Unauthenticated Pairing (LE security mode 1 level 2)" OR GAP 35/11 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR (GAP 35/2 "LE security mode 2" AND NOT GAP 35/3 "Authentication procedure"), otherwise not defined.
37b/5	LE Secure Connections	[4] 10.2.1	C.4	☑	C.4: Mandatory IF GAP 35/9 "LE security mode 1 level 4" OR GAP 35/11 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR GAP 35/12 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
37b/6	Encryption Key	[4] 9.4.3	C.5	☑	C.5: Mandatory IF GAP 34/2 "Bondable mode", otherwise not defined.
37b/8	Signing Key	[4] 10.4	C.7	☑	C.7: Mandatory IF GAP 35/6 "Authenticate signed data procedure", otherwise not defined.

Table 37c: L2CAP Requirements

Prerequisite: GAP 5/3 "Peripheral (LE)" OR GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
37c/1	Detect insufficient authentication	[2] 10.3	C.1	☑	C.1: Mandatory IF GAP 35/3 "Authentication procedure", otherwise not defined.
37c/2	Detect insufficient authorization	[2] 10.5	C.2	☑	C.2: Mandatory IF GAP 35/4 "Authorization procedure", otherwise not defined.
37c/3	Detect insufficient encryption	[2] 2.2.2	C.3	☑	C.3: Mandatory IF GAP 31/3 "Encryption procedure", otherwise not defined.

Table 38: BR/EDR/LE Roles

Prerequisite: GAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
38/1	Broadcaster	[2] 13	C.1	☑	C.1: Mandatory to support at least one.
38/2	Observer	[2] 13	C.1	☑	C.1: Mandatory to support at least one.
38/3	Peripheral	[2] 13	C.1	☑	C.1: Mandatory to support at least one.
38/4	Central	[2] 13	C.1	☑	C.1: Mandatory to support at least one.

Table 41: Central BR/EDR/LE Security Aspects

Prerequisite: GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
41/1	Security aspects	[2] 14	M	☑	
41/2a	Derivation of BR/EDR Link Key from LE LTK	[4] 14.1	C.2	☑	C.2: Optional IF GAP 35/9 "LE security mode 1 level 4", otherwise not defined.

Table 43: Peripheral BR/EDR/LE Security Aspects

Prerequisite: GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
43/1	Security aspects	[2] 14	M	☑	
43/2a	Derivation of BR/EDR Link Key from LE LTK	[4] 14.1	C.2	☑	C.2: Optional IF GAP 25/9 "LE security mode 1 level 4", otherwise not defined.

Table 44: Central Simultaneous BR/EDR and LE Transports

Prerequisite: GAP 38/4 "Central (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Table 45: Peripheral Simultaneous BR/EDR and LE Transports

Prerequisite: GAP 38/3 "Peripheral (BR/EDR/LE)"

Item	Capability	Reference	Support	Status	Comment
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Generic Attribute Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Generic Attribute Profile (GATT) Client	[1] 2.2	O	☑	
1/2	Generic Attribute Profile (GATT) Server	[1] 2.2	M	☑	

Table 1a: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
1a/1	GATT Client over LE	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one IF GATT 1/1 "Generic Attribute Profile (GATT) Client", otherwise Excluded.
1a/2	GATT Client over BR/EDR	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one IF GATT 1/1 "Generic Attribute Profile (GATT) Client", otherwise Excluded.
1a/3	GATT Server over LE	[1] 2.2	C.2	☑	C.2: Mandatory to support at least one IF GATT 1/2 "Generic Attribute Profile (GATT) Server", otherwise Excluded.
1a/4	GATT Server over BR/EDR	[1] 2.2	C.2	☑	C.2: Mandatory to support at least one IF GATT 1/2 "Generic Attribute Profile (GATT) Server", otherwise Excluded.

Table 2: Attribute Protocol Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/1	Unenhanced ATT bearer over BR/EDR	[1] 2	C.1	☑	C.1: Mandatory to support at least one IF GATT 1a/2 "GATT Client over BR/EDR" OR GATT 1a/4 "GATT Server over BR/EDR", otherwise not defined.
2/2	Unenhanced ATT bearer over LE	[1] 2	C.2	☑	C.2: Mandatory IF GATT 1a/1 "GATT Client over LE" OR GATT 1a/3 "GATT Server over LE", otherwise not defined.
2/4	Attribute Protocol Client	[1] 2	C.6	☑	C.6: Mandatory IF GATT 1/1 "Generic Attribute Profile (GATT) Client", otherwise not defined.
2/5	Attribute Protocol Server	[1] 2	C.7	☑	C.7: Mandatory IF GATT 1/2 "Generic Attribute Profile (GATT) Server", otherwise not defined.

Table 3: Generic Attribute Profile Feature Support, by Client

Prerequisite: GATT 1/1 "Generic Attribute Profile (GATT) Client"

Item	Capability	Reference	Support	Status	Comment
3/1	Exchange MTU	[1] 4.3.1	C.11	☑	C.11: Optional IF GATT 1a/1 "GATT Client over LE", otherwise Excluded.
3/2	Discover All Primary Services	[1] 4.4.1	O	☑	
3/3	Discover Primary Services by Service UUID	[1] 4.4.2	O	☑	
3/4	Find Included Services	[1] 4.5.1	O	☑	
3/5	Discover All Characteristics of a Service	[1] 4.6.1	O	☑	
3/6	Discover Characteristics by UUID	[1] 4.6.2	O	☑	
3/7	Discover All Characteristic Descriptors	[1] 4.7.1	O	☑	
3/8	Read Characteristic Value	[1] 4.8.1	O	☑	

3/9	Read Using Characteristic UUID	[1] 4.8.2	O	☑	
3/10	Read Long Characteristic Values	[1] 4.8.3	O	☑	
3/11	Read Multiple Characteristic Values	[1] 4.8.4	O	☑	
3/12	Write without Response	[1] 4.9.1	O	☑	
3/13	Signed Write Without Response	[1] 4.9.2	C.11	☑	C.11: Optional IF GATT 1a/1 "GATT Client over LE", otherwise Excluded.
3/14	Write Characteristic Value	[1] 4.9.3	O	☑	
3/15	Write Long Characteristic Values	[1] 4.9.4	O	☑	
3/16	Characteristic Value Reliable Writes	[1] 4.9.5	O	☑	
3/17	Notifications	[1] 4.10.1	C.7	☑	C.7: Mandatory IF GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
3/18	Indications	[1] 4.11.1	M	☑	
3/19	Read Characteristic Descriptors	[1] 4.12.1	O	☑	
3/20	Read Long Characteristic Descriptors	[1] 4.12.2	O	☑	
3/21	Write Characteristic Descriptors	[1] 4.12.3	O	☑	
3/22	Write Long Characteristic Descriptors	[1] 4.12.4	O	☑	
3/23	Service Changed Characteristic	[1] 7.1	M	☑	
3/24	Configured Broadcast	[1] 2.7	C.2	☑	C.2: Optional IF GATT 3/14 "Write Characteristic Value", otherwise Excluded.

Table 3a: GAP Role Requirements for GATT Client

Prerequisite: GATT 1a/1 "GATT Client over LE"

Item	Capability	Reference	Support	Status	Comment
3a/1	Peripheral	[2] 15.2	O	☑	
3a/2	Central	[2] 15.2	O	☑	

Table 4: Generic Attribute Profile Feature Support, by Server

Prerequisite: GATT 1/2 "Generic Attribute Profile (GATT) Server"

Item	Capability	Reference	Support	Status	Comment
4/1	Exchange MTU	[1] 4.3.1	C.6	☑	C.6: Optional IF GATT 1a/3 "GATT Server over LE", otherwise Excluded.
4/2	Discover All Primary Services	[1] 4.4.1	M	☑	
4/3	Discover Primary Services by Service UUID	[1] 4.4.2	M	☑	
4/4	Find Included Services	[1] 4.5.1	M	☑	
4/5	Discover All Characteristics of a Service	[1] 4.6.1	M	☑	

4/6	Discover Characteristics by UUID	[1] 4.6.2	M	☑	
4/7	Discover All Characteristic Descriptors	[1] 4.7.1	M	☑	
4/8	Read Characteristic Value	[1] 4.8.1	M	☑	
4/9	Read Using Characteristic UUID	[1] 4.8.2	M	☑	
4/10	Read Long Characteristic Values	[1] 4.8.3	C.12	☑	C.12: Mandatory IF GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/11	Read Multiple Characteristic Values	[1] 4.8.4	O	☑	
4/12	Write without Response	[1] 4.9.1	C.2	☑	C.2: Mandatory IF GATT 4/13 "Signed Write Without Response" OR GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/13	Signed Write Without Response	[1] 4.9.2	C.6	☑	C.6: Optional IF GATT 1a/3 "GATT Server over LE", otherwise Excluded.
4/14	Write Characteristic Value	[1] 4.9.3	C.3	☑	C.3: Mandatory IF GATT 4/15 "Write Long Characteristic Values" OR GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/15	Write Long Characteristic Values	[1] 4.9.4	C.12	☑	C.12: Mandatory IF GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/17	Notifications	[1] 4.10.1	O	☑	
4/18	Indications	[1] 4.11.1	C.1	☑	C.1: Mandatory IF GATT 4/23 "Service Changed Characteristic", otherwise Optional.
4/19	Read Characteristic Descriptors	[1] 4.12.1	C.12	☑	C.12: Mandatory IF GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/20	Read Long Characteristic Descriptors	[1] 4.12.2	C.12	☑	C.12: Mandatory IF GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/21	Write Characteristic Descriptors	[1] 4.12.3	C.12	☑	C.12: Mandatory IF GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
4/22	Write Long Characteristic Descriptors	[1] 4.12.4	O	☑	
4/23	Service Changed Characteristic	[1] 7.1	C.14	☑	C.14: Mandatory IF service definitions on the server can be added, changed, or removed, otherwise Excluded.
4/24	Configured Broadcast	[1] 2.7	C.5	☑	C.5: Optional IF GATT 4/14 "Write Characteristic Value", otherwise Excluded.
4/25	Execute Write Request with empty queue	[1] 4.9.4, 4.9.5, 4.12.4	C.7	☑	C.7: Mandatory IF CORE 2a/50 "Host Core v5.0 or later" AND (GATT 4/15 "Write Long Characteristic Values" OR GATT 4/16 "Characteristic Value Reliable Writes" OR GATT 4/22 "Write Long Characteristic Descriptors"), otherwise Optional IF GATT 4/15 "Write Long Characteristic Values" OR GATT 4/16 "Characteristic Value Reliable Writes" OR GATT 4/22 "Write Long Characteristic Descriptors", otherwise Excluded.

Table 4a: GAP Role Requirements for GATT Server

Prerequisite: GATT 1a/3 "GATT Server over LE"

Item	Capability	Reference	Support	Status	Comment
4a/1	Peripheral	[2] 15.2	O	☑	
4a/2	Central	[2] 15.2	O	☑	

Table 6: SDP Interoperability

Prerequisite: GATT 2/1 "Unenhanced ATT bearer over BR/EDR" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
6/2	Client	[1] 5.1.2, [4] 5.1.2, 5.3.2	C.1	☑	C.1: Optional IF GATT 1a/2 "GATT Client over BR/EDR", otherwise not defined.
6/3	Server	[1] 9	C.2	☑	C.2: Mandatory IF GATT 1a/4 "GATT Server over BR/EDR", otherwise not defined.
6/4	ProtocolDescriptorList	[1] 9, [2] 15.4	C.2	☑	C.2: Mandatory IF GATT 1a/4 "GATT Server over BR/EDR", otherwise not defined.
6/5	BrowseGroupList	[1] 9, [2] 15.4	C.2	☑	C.2: Mandatory IF GATT 1a/4 "GATT Server over BR/EDR", otherwise not defined.

Table 7: GAP Requirements

Item	Capability	Reference	Support	Status	Comment
7/2	LE security mode 1	[2] 10.2.1	C.2	☑	C.2: Optional IF GATT 2/2 "Unenhanced ATT bearer over LE", otherwise not defined.
7/3	LE security mode 2	[2] 10.2.2	C.2	☑	C.2: Optional IF GATT 2/2 "Unenhanced ATT bearer over LE", otherwise not defined.
7/4	Authentication procedure	[2] 10.3	C.2	☑	C.2: Optional IF GATT 2/2 "Unenhanced ATT bearer over LE", otherwise not defined.
7/5	Connection data signing procedure	[2] 10.4.1	C.2	☑	C.2: Optional IF GATT 2/2 "Unenhanced ATT bearer over LE", otherwise not defined.
7/6	Authenticate signed data procedure	[2] 10.4.2	C.2	☑	C.2: Optional IF GATT 2/2 "Unenhanced ATT bearer over LE", otherwise not defined.
7/7	Authorization procedure	[2] 10.5	C.2	☑	C.2: Optional IF GATT 2/2 "Unenhanced ATT bearer over LE", otherwise not defined.
7/8	Client security checks for GATT indications and notifications	[2] 10.3.2.2	C.3	☑	C.3: Mandatory IF CORE 2a/53 "Host Core v5.3 or later" AND GATT 1a/1 "GATT Client over LE", otherwise Optional IF GATT 1a/1 "GATT Client over LE", otherwise not defined.

Table 8: Multiple Simultaneous ATT Bearers

Item	Capability	Reference	Support	Status	Comment
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Table 9: Attribute Protocol Client Requirements

Prerequisite: GATT 1/1 "Generic Attribute Profile (GATT) Client"

Item	Capability	Reference	Support	Status	Comment
9/1	Exchange MTU Request	[1] 4.3.1	C.1	☑	C.1: Mandatory IF GATT 3/1 "Exchange MTU", otherwise not defined.
9/2	Find Information Request	[1] 4.7.1	C.2	☑	C.2: Mandatory IF GATT 3/7 "Discover All Characteristic Descriptors", otherwise not defined.
9/3	Find by Type Value Request	[1] 4.4.2	C.3	☑	C.3: Mandatory IF GATT 3/3 "Discover Primary Services by Service UUID", otherwise not defined.

9/4	Read by Type Request	[1] 4.8.1	C.4	☑	C.4: Mandatory IF GATT 3/9 "Read Using Characteristic UUID", otherwise not defined.
9/5	Read Request	[1] 4.8.1, 4.12.1	C.5	☑	C.5: Mandatory IF GATT 3/8 "Read Characteristic Value" OR GATT 3/19 "Read Characteristic Descriptors", otherwise not defined.
9/6	Read Blob Request	[1] 4.8.2, 4.12.2	C.6	☑	C.6: Mandatory IF GATT 3/10 "Read Long Characteristic Values" OR GATT 3/20 "Read Long Characteristic Descriptors", otherwise not defined.
9/7	Read Multiple Request	[1] 4.8.3	C.7	☑	C.7: Mandatory IF GATT 3/11 "Read Multiple Characteristic Values", otherwise not defined.
9/8	Write Request	[1] 4.9.3, 4.12.3	C.8	☑	C.8: Mandatory IF GATT 3/14 "Write Characteristic Value" OR GATT 3/21 "Write Characteristic Descriptors", otherwise not defined.
9/9	Write Command	[1] 4.9.1	C.9	☑	C.9: Mandatory IF GATT 3/12 "Write without Response", otherwise not defined.
9/10	Signed Write Command	[1] 4.9.2	C.10	☑	C.10: Mandatory IF GATT 3/13 "Signed Write Without Response", otherwise not defined.
9/11	Prepare Write Request	[1] 4.9.4, 4.9.5, 4.9.12.4	C.11	☑	C.11: Mandatory IF GATT 3/15 "Write Long Characteristic Values" OR GATT 3/16 "Characteristic Value Reliable Writes" OR GATT 3/22 "Write Long Characteristic Descriptors", otherwise not defined.
9/12	Handle Value Notification	[1] 4.10.1	C.12	☑	C.12: Mandatory IF GATT 3/17 "Notifications", otherwise Optional.
9/13	Handle Value Indication	[1] 4.11.1	C.13	☑	C.13: Mandatory IF GATT 3/18 "Indications", otherwise not defined.

Table 10: Attribute Protocol Server Requirements

Prerequisite: GATT 1/2 "Generic Attribute Profile (GATT) Server"

Item	Capability	Reference	Support	Status	Comment
10/1	Exchange MTU Request	[1] 4.3.1	C.1	☑	C.1: Mandatory IF GATT 4/1 "Exchange MTU", otherwise not defined.
10/2	Read Blob Request	[1] 4.8.2, 4.12.2	C.2	☑	C.2: Mandatory IF GATT 4/10 "Read Long Characteristic Values", otherwise not defined.
10/3	Read Multiple Request	[1] 4.8.3	C.3	☑	C.3: Mandatory IF GATT 4/11 "Read Multiple Characteristic Values", otherwise Optional.
10/4	Write Request	[1] 4.9.3, 4.12.3	C.4	☑	C.4: Mandatory IF GATT 4/14 "Write Characteristic Value" OR GATT 4/21 "Write Characteristic Descriptors", otherwise Optional.
10/5	Write Command	[1] 4.9.1	C.5	☑	C.5: Mandatory IF GATT 4/12 "Write without Response", otherwise Optional.
10/6	Signed Write Command	[1] 4.9.2	C.6	☑	C.6: Mandatory IF GATT 4/13 "Signed Write Without Response", otherwise Optional.
10/7	Prepare Write Request	[1] 4.9.4, 4.9.5, 4.9.12.4	C.7	☑	C.7: Mandatory IF GATT 4/15 "Write Long Characteristic Values" OR GATT 4/16 "Characteristic Value Reliable Writes" OR GATT 4/22 "Write Long Characteristic Descriptors" OR GATT 2/3a "Enhanced ATT bearer over LE" OR GATT 2/3b "Enhanced ATT bearer over BR/EDR", otherwise Optional.
10/8	Handle Value Notification	[1] 4.10.1	C.8	☑	C.8: Mandatory IF GATT 4/17 "Notifications", otherwise Optional.
10/9	Handle Value Indication	[1] 4.11.1	C.9	☑	C.9: Mandatory IF GATT 4/18 "Indications", otherwise Optional.

Generic Audio/Video Distribution Profile

Table 2a: GAVDP Initiator - X.Y Versions

Prerequisite: GAVDP 1/1 "Initiator"

Item	Capability	Reference	Support	Status	Comment
2a/3	GAVDP 1.3	GAVDP 1.3	M	☑	

Table 3a: GAVDP Acceptor - X.Y Versions

Prerequisite: GAVDP 1/2 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
3a/3	GAVDP 1.3	GAVDP 1.3	M	☑	

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Initiator	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one.
1/2	Acceptor	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one.
1/3	Delay Reporting Initiator	[1] 4.1.1	O	☑	
1/4	Delay Reporting Acceptor	[1] 4.1.1	O	☑	

Table 2: GAVDP Procedures (Initiator)

Prerequisite: GAVDP 1/1 "Initiator"

Item	Capability	Reference	Support	Status	Comment
2/1	Connection Establishment	[1] 4.1.1	M	☑	
2/4	Start Streaming	[1] 4.1.2	M	☑	
2/5	Connection Release	[1] 4.1.3	M	☑	
2/6	Signaling Control - Abort	[1] 4.1.6	M	☑	
2/8	Delay Reporting	[1] 4.1.8	O	☑	

Table 4: AVDTP Procedures (Initiator)

Prerequisite: GAVDP 1/1 "Initiator"

Item	Capability	Reference	Support	Status	Comment
4/1	Stream discover command	[1] 3.1.9	M	☑	
4/2	Stream get capabilities command	[1] 3.1.9	M	☑	
4/3	Set configuration command	[1] 3.1.9	M	☑	
4/4	Open stream command	[1] 3.1.9	M	☑	
4/5	Start stream command	[1] 3.1.9	M	☑	
4/6	Close stream command	[1] 3.1.9	M	☑	
4/7	Abort stream command	[1] 3.1.9	M	☑	
4/8	Stream get all capabilities command	[1] 3.1.1	M	☑	

Table 3: GAVDP Procedures (Acceptor)

Prerequisite: GAVDP 1/2 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
3/1	Connection Establishment	[1] 4.1.1	M	☑	
3/4	Start Streaming	[1] 4.1.2	M	☑	
3/5	Connection Release	[1] 4.1.3	M	☑	
3/6	Signaling Control - Abort	[1] 4.1.6	M	☑	
3/8	Delay Reporting	[1] 4.1.8	O	☑	

Table 5: AVDTP Procedures (Acceptor)

Prerequisite: GAVDP 1/2 "Acceptor"

Item	Capability	Reference	Support	Status	Comment
5/1	Stream discover response	[1] 3.1.9	M	☑	
5/2	Stream get capabilities response	[1] 3.1.9	M	☑	
5/3	Set configuration response	[1] 3.1.9	M	☑	
5/4	Open stream response	[1] 3.1.9	M	☑	
5/5	Start stream response	[1] 3.1.9	M	☑	
5/6	Close stream response	[1] 3.1.9	M	☑	
5/7	General reject message	[1] 3.1.9	M	☑	
5/8	Abort stream response	[1] 3.1.9	M	☑	
5/9	Stream get all capabilities response	[1] 3.1.1	M	☑	

Hearing Access Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Hearing Aid (HA)	[1] 3	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1] 2.5	M	☑	

Table 10: Hearing Aid, X.Y Versions

Prerequisite: HAP 1/1 "Hearing Aid (HA)"

Item	Capability	Reference	Support	Status	Comment
10/1	HAP v1.0	[1]	M	☑	

Table 11: Hearing Aid, X.Y.Z Versions

Prerequisite: HAP 1/1 "Hearing Aid (HA)"

Item	Capability	Reference	Support	Status	Comment
11/1	HAP v1.0.1	[14]	O	☑	

Table 12: Hearing Aid, Features

Prerequisite: HAP 1/1 "Hearing Aid (HA)"

Item	Capability	Reference	Support	Status	Comment
12/1	Volume Balance	[1] 3.1	O	☑	
12/2	Binaural Hearing Aid Set	[1] 3.1	C.1	☑	C.1: Mandatory to support at least one.
12/3	Banded Hearing Aid	[1] 3.5	C.1	☑	C.1: Mandatory to support at least one.
12/4	Monaural Hearing Aid	[1] 3.5	C.1	☑	C.1: Mandatory to support at least one.
12/5	Connected Isochronous Stream	[1] 3.2	M	☑	
12/6	Broadcast Isochronous Stream	[1] 3.2	M	☑	
12/7	7.5 ms Transport Interval	[1] 3.2	O	☑	

Table 13: Hearing Aid, Profile Dependencies

Prerequisite: HAP 1/1 "Hearing Aid (HA)"

Item	Capability	Reference	Support	Status	Comment
13/2	Volume Renderer (VCP)	[1] 2.2	M	☑	
13/4	Set Member (CSIP)	[1] 2.2	C.2	☑	C.2: Mandatory IF HAP 12/2 "Binaural Hearing Aid Set", otherwise not defined.
13/5	Unicast Server (BAP)	[1] 2.2	M	☑	
13/6	Acceptor (CAP)	[1] 2.2	M	☑	
13/7	Broadcast Sink (BAP)	[1] 2.2	M	☑	

Table 14: Hearing Aid, Service Dependencies

Prerequisite: HAP 1/1 "Hearing Aid (HA)"

Item	Capability	Reference	Support	Status	Comment
14/1	Hearing Access Service (HAS)	[1] 3.5.1	M	☑	
14/3	Coordinated Set Identification Service (CSIS)	[1] 3.6	C.1	☑	C.1: Mandatory IF HAP 12/2 "Binaural Hearing Aid Set", otherwise not defined.

Table 16: Hearing Aid, VCP Volume Renderer Requirements

Prerequisite: HAP 13/2 "Volume Renderer (VCP)"

Item	Capability	Reference	Support	Status	Comment
16/1	Volume Offset Control Service	[1] 3.8	C.1	☑	C.1: Mandatory IF HAP 12/1 "Volume Balance", otherwise not defined.
16/2	Audio Input Control Service	[1] 3.8	O	☑	

Table 17: Hearing Access, MICP Microphone Device Requirements

Prerequisite: HAP 13/3 "Microphone Device (MICP)"

Item	Capability	Reference	Support	Status	Comment
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Table 18: Hearing Aid, CSIP Set Member Requirements

Prerequisite: HAP 13/4 "Set Member (CSIP)"

Item	Capability	Reference	Support	Status	Comment
18/1	Coordinated Set Size Characteristic	[1] 3.6	M	☑	

Table 19: Hearing Aid, BAP Unicast Server Requirements

Prerequisite: HAP 13/5 "Unicast Server (BAP)"

Item	Capability	Reference	Support	Status	Comment
19/1	Audio Sink	[1] 3.7	M	☑	

Table 24: Hearing Aid, GAP Requirements

Prerequisite: HAP 1/1 "Hearing Aid (HA)"

Item	Capability	Reference	Support	Status	Comment
24/1	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 9.1	M	☑	
24/2	Minimum 128 Bit entropy key	[1] 9.1	M	☑	
24/6	LE Secure Connections	[1] 9.1	M	☑	

Table 26: Hearing Aid, LL Requirements

Prerequisite: HAP 1/1 "Hearing Aid (HA)"

Item	Capability	Reference	Support	Status	Comment
26/1	LE 2M PHY	[1] 3.2	M	☑	

Table 40: Hearing Aid Unicast Client, X.Y Versions

Prerequisite: HAP 1/2 "Hearing Aid Unicast Client (HAUC)"

Item	Capability	Reference	Support	Status	Comment
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Table 41: Hearing Aid Unicast Client, X.Y.Z Versions

Prerequisite: HAP 1/2 "Hearing Aid Unicast Client (HAUC)"

Item	Capability	Reference	Support	Status	Comment
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Table 43: Hearing Aid Unicast Client, Profile Dependencies

Prerequisite: HAP 1/2 "Hearing Aid Unicast Client (HAUC)"

Item	Capability	Reference	Support	Status	Comment
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Table 46: Hearing Aid Unicast Client, BAP Unicast Client Requirements

Prerequisite: HAP 43/3 "Unicast Client (BAP)"

Item	Capability	Reference	Support	Status	Comment
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Table 47: Hearing Aid Unicast Client, Audio Source G.729A Codec Requirements

Prerequisite: HAP 46/1 "Audio Source"

Item	Capability	Reference	Support	Status	Comment
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Table 48: Hearing Aid Unicast Client, Audio Sink G.729A Codec Requirements

Prerequisite: HAP 46/2 "Audio Sink"

Item	Capability	Reference	Support	Status	Comment
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Table 50: GATT Requirements - Hearing Aid Unicast Client Role

Prerequisite: HAP 1/2 "Hearing Aid Unicast Client (HAUC)"

Item	Capability	Reference	Support	Status	Comment
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Table 51: Hearing Aid Unicast Client, LL Requirements

Prerequisite: HAP 1/2 "Hearing Aid Unicast Client (HAUC)"

Item	Capability	Reference	Support	Status	Comment
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Table 70: Hearing Aid Remote Controller, X.Y Versions

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 71: Hearing Aid Remote Controller, X.Y.Z Versions

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 72: Hearing Aid Remote Controller, Characteristic Discovery Requirements

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 73: Hearing Aid Remote Controller, Preset Control Point Requirements

Prerequisite: HAP 72/2 "Hearing Aid Preset Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
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Table 74: Hearing Aid Remote Controller, Profile Dependencies

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 75: Hearing Aid Remote Controller, Service Dependencies

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 76: Hearing Aid Remote Controller, VCP Volume Controller Requirements

Prerequisite: HAP 74/1 "Volume Controller (VCP)"

Item	Capability	Reference	Support	Status	Comment
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Table 81: Hearing Aid Remote Controller, LL Requirements

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 82: GAP Requirements - Immediate Alert Client Role

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 83: GATT Requirements - Immediate Alert Client Role

Prerequisite: HAP 1/3 "Hearing Aid Remote Controller (HARC)"

Item	Capability	Reference	Support	Status	Comment
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Table 90: Immediate Alert Client, X.Y Versions

Prerequisite: HAP 1/4 "Immediate Alert Client (IAC)"

Item	Capability	Reference	Support	Status	Comment
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Table 91: Immediate Alert Client, X.Y.Z Versions

Prerequisite: HAP 1/4 "Immediate Alert Client (IAC)"

Item	Capability	Reference	Support	Status	Comment
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Table 92: Immediate Alert Client, Service Dependencies

Prerequisite: HAP 1/4 "Immediate Alert Client (IAC)"

Item	Capability	Reference	Support	Status	Comment
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Hearing Access Service

Table 0: Major Versions (X.Y)

Item	Capability	Reference	Support	Status	Comment
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0/1	Hearing Access Service 1.0	[1] 2.1	M	☒	
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Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
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2/2	Service supported over LE	[1] 1.5	M	☒	
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Table 3: Hearing Access Service

Item	Capability	Reference	Support	Status	Comment
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3/3	Hearing Aid Features Characteristic	[1] 3.1	M	☒	
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3/9	Binaural Hearing Aid	[1] 3.1	C.3	☒	C.3: Mandatory to support at least one of HAS 3/9 "Binaural Hearing Aid" OR HAS 3/10 "Monaural Hearing Aid" OR HAS 3/11 "Banded Hearing Aid".
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3/10	Monaural Hearing Aid	[1] 3.1	C.3	☒	C.3: Mandatory to support at least one of HAS 3/9 "Binaural Hearing Aid" OR HAS 3/10 "Monaural Hearing Aid" OR HAS 3/11 "Banded Hearing Aid".
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3/11	Banded Hearing Aid	[1] 3.1	C.3	☒	C.3: Mandatory to support at least one of HAS 3/9 "Binaural Hearing Aid" OR HAS 3/10 "Monaural Hearing Aid" OR HAS 3/11 "Banded Hearing Aid".
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Table 4: Hearing Aid Preset Control Point Requirements

Prerequisite: HAS 3/1 "Hearing Aid Preset Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
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Table 5: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
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Host Controller Interface

Table 1a: IUT Configuration

Item	Capability	Reference	Support	Status	Comment
1a/1	BR/EDR Controller	[1] 1	C.0	☑	C.0: Mandatory to support at least one.
1a/4	LE Controller	[1] 1	C.0	☑	C.0: Mandatory to support at least one.

Table 1:

Item	Capability	Reference	Support	Status	Comment
1/1	Command Complete event	[1] 7.7.14	M	☑	
1/2	Command Status event	[1] 7.7.15	M	☑	
1/3	Hardware Error event	[1] 7.7.16	O	☑	

Table 2:

Item	Capability	Reference	Support	Status	Comment
2/1	Reset command	[1] 7.3.2	M	☑	

Table 3:

Item	Capability	Reference	Support	Status	Comment
3/1	Read Buffer Size command	[1] 7.4.5	M	☑	BR/EDR Controller or AMP Controller
3/5	LE Read Buffer Size command [v1]	[1] 7.8.2	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
3/6	LE Request Peer SCA command	[5] 7.8.108	C.44	☑	LE Controller, Core v5.2 or later C.44: Mandatory IF LL 9/30 "Sleep Clock Accuracy Updates" AND (LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral"), otherwise Optional IF LL 9/30 "Sleep Clock Accuracy Updates", otherwise Excluded.
3/7	LE Request Peer SCA Complete event	[5] 7.7.65.31	C.95	☑	LE Controller, Core v5.2 or later C.95: Mandatory IF HCI 3/6 "LE Request Peer SCA command", otherwise Excluded.
3/8	LE Read Buffer Size command [v2]	[5] 7.8.2	C.55	☑	LE Controller, Core v5.2 or later C.55: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/33 "Isochronous Broadcaster", otherwise Optional IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
3/9	LE Read ISO TX Sync command	[5] 7.8.96	C.45	☑	LE Controller, Core v5.2 or later C.45: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/33 "Isochronous Broadcaster", otherwise Excluded.

Table 4:

Item	Capability	Reference	Support	Status	Comment
4/1	Read Local Version Information command	[1] 7.4.1	M	☑	

4/2	Read Local Supported Commands command	[1] 7.4.2	M	✓	
4/3	Read Local Supported Features command	[1] 7.4.3	M	✓	
4/4	Read Local Extended Features command	[1] 7.4.4	C.220	✓	BR/EDR Controller C.220: Mandatory IF LMP 11/4 "Respond to extended features request", otherwise Excluded.
4/5	Read BD_ADDR command	[1] 7.4.6	M	✓	BR/EDR/LE Controller
4/8	LE Read Local Supported Features Page 0 command	[1] 7.8.3	M	✓	LE Controller
4/9	LE Read Supported States command	[1] 7.8.27	M	✓	LE Controller
4/10	Read Local Supported Codecs command [v1]	[1] 7.4.8	C.157	✓	BR/EDR Controller C.157: Mandatory IF HCI 4/13 "Read Local Supported Codecs command [v2]", otherwise Optional.
4/12	Read Local Simple Pairing Options command	[4] 7.4.9	O	✓	BR/EDR Controller
4/13	Read Local Supported Codecs command [v2]	[5] 7.4.8	O	✓	BR/EDR/LE Controller, Core v5.2 or later
4/14	Read Local Supported Codec Capabilities command	[5] 7.4.10	C.156	✓	BR/EDR/LE Controller, Core v5.2 or later C.156: Mandatory IF HCI 4/13 "Read Local Supported Codecs command [v2]", otherwise Excluded.
4/15	Read Local Supported Controller Delay command	[1] 7.4.11	C.156	✓	BR/EDR/LE Controller, Core v5.2 or later C.156: Mandatory IF HCI 4/13 "Read Local Supported Codecs command [v2]", otherwise Excluded.

Table 5:

Item	Capability	Reference	Support	Status	Comment
5/1	Read Local Name command	[1] 7.3.12	M	✓	BR/EDR Controller
5/2	Write Local Name command	[1] 7.3.11	M	✓	BR/EDR Controller
5/3	Read Class of Device command	[1] 7.3.25	M	✓	BR/EDR Controller
5/4	Write Class of Device command	[1] 7.3.26	M	✓	BR/EDR Controller
5/5	Read Number of Supported IAC command	[1] 7.3.43	C.125	✓	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
5/6	Read Current IAC LAP command	[1] 7.3.44	C.125	✓	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
5/7	Write Current IAC LAP command	[1] 7.3.45	C.125	✓	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
5/8	Read Scan Enable command	[1] 7.3.17	M	✓	BR/EDR Controller
5/9	Write Scan Enable command	[1] 7.3.18	M	✓	BR/EDR Controller
5/13	LE Set Random Address command	[1] 7.8.4	C.1	✓	LE Controller C.1: Mandatory IF RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
5/14	LE Read Filter Accept List Size command	[1] 7.8.14	M	✓	LE Controller
5/15	LE Add Device To Filter Accept List command	[1] 7.8.16	M	✓	LE Controller

5/16	LE Clear Filter Accept List command	[1] 7.8.15	M	✓	LE Controller
5/17	LE Remove Device From Filter Accept List command	[1] 7.8.17	M	✓	LE Controller
5/27	LE Add Device To Resolving List command	[1] 7.8.38	C.9	✓	LE Controller C.9: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
5/28	LE Remove Device From Resolving List command	[1] 7.8.39	C.9	✓	LE Controller C.9: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
5/29	LE Clear Resolving List command	[1] 7.8.40	C.9	✓	LE Controller C.9: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
5/30	LE Read Resolving List Size command	[1] 7.8.41	C.9	✓	LE Controller C.9: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
5/31	LE Set Address Resolution Enable command	[1] 7.8.44	C.9	✓	LE Controller C.9: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
5/32	LE Set Resolvable Private Address Timeout command	[1] 7.8.45	C.9	✓	LE Controller C.9: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
5/33	LE Set Advertising Set Random Address command	[2] 7.8.52	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/34	LE Set Extended Advertising Parameters command [v1]	[2] 7.8.53	C.65	✓	LE Controller, Core v5.0 or earlier C.65: Mandatory IF HCI 5/34a "LE Set Extended Advertising Parameters command [v2]" OR LL 3/9 "Extended Advertising", otherwise Excluded.
5/35	LE Set Periodic Advertising Parameters command [v1]	[2] 7.8.61	C.18	✓	LE Controller, Core v5.0 or earlier C.18: Mandatory IF LL 3/10 "Periodic Advertising", otherwise Excluded.
5/36	LE Set Extended Advertising Data command	[2] 7.8.54	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/37	LE Set Periodic Advertising Data command	[2] 7.8.62	C.18	✓	LE Controller, Core v5.0 or earlier C.18: Mandatory IF LL 3/10 "Periodic Advertising", otherwise Excluded.
5/38	LE Set Extended Scan Response Data command	[2] 7.8.55	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/39	LE Scan Request Received event	[2] 7.7.65.19	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/40	LE Set Extended Advertising Enable command	[2] 7.8.56	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/41	LE Set Periodic Advertising Enable command	[2] 7.8.63	C.18	✓	LE Controller, Core v5.0 or earlier C.18: Mandatory IF LL 3/10 "Periodic Advertising", otherwise Excluded.
5/42	LE Read Maximum Advertising Data Length command	[2] 7.8.57	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/43	LE Read Number of Supported Advertising Sets command	[2] 7.8.58	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/44	LE Read Transmit Power command	[2] 7.8.74	C.64	✓	LE Controller, Core v5.0 or earlier C.64: Optional IF RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.

5/45	LE Write RF Path Compensation command	[2] 7.8.76	C.22	✓	LE Controller, Core v5.0 or earlier C.22: Mandatory IF LL 3/12 "Sending Tx Power in advertisements" OR LL 9/37 "LE Power Control Request", otherwise Optional.
5/46	LE Read RF Path Compensation command	[2] 7.8.75	C.22	✓	LE Controller, Core v5.0 or earlier C.22: Mandatory IF LL 3/12 "Sending Tx Power in advertisements" OR LL 9/37 "LE Power Control Request", otherwise Optional.
5/47	LE Remove Advertising Set command	[2] 7.8.59	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/48	LE Clear Advertising Sets command	[2] 7.8.60	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/49	LE Advertising Set Terminated event	[2] 7.7.65.18	C.17	✓	LE Controller, Core v5.0 or earlier C.17: Mandatory IF LL 3/9 "Extended Advertising", otherwise Excluded.
5/54	LE Setup ISO Data Path command	[5] 7.8.109	C.47	✓	LE Controller, Core v5.2 or later C.47: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral", OR LL 9/33 "Isochronous Broadcaster" OR LL 9/34 "Synchronized Receiver", otherwise Excluded.
5/55	LE Remove ISO Data Path command	[2] 7.8.110	C.47	✓	LE Controller, Core v5.2 or later C.47: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral", OR LL 9/33 "Isochronous Broadcaster" OR LL 9/34 "Synchronized Receiver", otherwise Excluded.
5/56	LE Set CIG Parameters command	[2] 7.8.97	C.39	✓	LE Controller, Core v5.2 or later C.39: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central", otherwise Excluded.
5/57	LE Remove CIG command	[2] 7.8.100	C.39	✓	LE Controller, Core v5.2 or later C.39: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central", otherwise Excluded.
5/58	LE Set CIG Parameters Test command	[2] 7.8.98	C.39	✓	LE Controller, Core v5.2 or later C.39: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central", otherwise Excluded.
5/59	LE Enhanced Read Transmit Power Level command	[2] 7.8.117	C.51	✓	LE Controller, Core v5.2 or later C.51: Mandatory IF LL 9/37 "LE Power Control Request", otherwise Excluded.
5/62	LE Transmit Power Reporting event	[2] 7.7.65.33	C.51	✓	LE Controller, Core v5.2 or later C.51: Mandatory IF LL 9/37 "LE Power Control Request", otherwise Excluded.
5/64	LE Set Transmit Power Reporting Enable command	[2] 7.8.121	C.51	✓	LE Controller, Core v5.2 or later C.51: Mandatory IF LL 9/37 "LE Power Control Request", otherwise Excluded.
5/65	Set Ecosystem Base Interval command	[2] 7.3.100	O	✓	Core v5.2 or later
5/66	Configure Data Path command	[5] 7.3.101	C.156	✓	BR/EDR/LE Controller, Core v5.2 or later C.156: Mandatory IF HCI 4/13 "Read Local Supported Codecs command [v2]", otherwise Excluded.

Table 6:

Item	Capability	Reference	Support	Status	Comment
6/1	Inquiry command	[1] 7.1.1	C.127	✓	BR/EDR Controller C.127: Mandatory IF BB 10/1 "Inquiry", otherwise Excluded.
6/2	Inquiry Cancel command	[1] 7.1.2	C.127	✓	BR/EDR Controller C.127: Mandatory IF BB 10/1 "Inquiry", otherwise Excluded.
6/5	Read Inquiry Scan Activity command	[1] 7.3.21	C.125	✓	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
6/6	Write Inquiry Scan Activity command	[1] 7.3.22	C.125	✓	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
6/7	Read Inquiry Scan Type command	[1] 7.3.47	C.125	✓	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.

6/8	Write Inquiry Scan Type command	[1] 7.3.48	C.125	☑	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
6/9	Read Inquiry Mode command	[1] 7.3.49	C.115	☑	BR/EDR Controller C.115: Mandatory IF HCI 6/10 "Write Inquiry Mode command", otherwise Excluded.
6/10	Write Inquiry Mode command	[1] 7.3.50	C.146	☑	BR/EDR Controller C.146: Mandatory IF HCI 6/46 "Extended Inquiry Result event" OR HCI 16/54 "IO Capability Request event", otherwise Optional IF BB 10/1 "Inquiry", otherwise Excluded.
6/11	Read Inquiry Response Transmit Power Level command	[1] 7.3.61	C.125	☑	BR/EDR Controller C.125: Mandatory IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
6/12	Write Inquiry Transmit Power Level command	[1] 7.3.62	C.127	☑	BR/EDR Controller C.127: Mandatory IF BB 10/1 "Inquiry", otherwise Excluded.
6/13	Read Extended Inquiry Response command	[1] 7.3.55	C.205	☑	BR/EDR Controller C.205: Mandatory IF BB 10/7 "Extended Inquiry Response", otherwise Excluded.
6/14	Write Extended Inquiry Response command	[1] 7.3.56	C.205	☑	BR/EDR Controller C.205: Mandatory IF BB 10/7 "Extended Inquiry Response", otherwise Excluded.
6/15	LE Set Advertising Enable command	[1] 7.8.9	C.97	☑	LE Controller C.97: Mandatory IF LL 1/1 "Advertising State", otherwise Excluded.
6/16	LE Set Advertising Parameters command	[1] 7.8.5	C.97	☑	LE Controller C.97: Mandatory IF LL 1/1 "Advertising State", otherwise Excluded.
6/17	LE Set Scan Response Data command	[1] 7.8.8	C.15	☑	LE Controller C.15: Mandatory IF LL 3/2 "Connectable and scannable undirected events" OR LL 3/5 "Scannable undirected events" OR LL 3/5a "Scannable directed events", otherwise Excluded.
6/18	LE Set Advertising Data command	[1] 7.8.7	C.97	☑	LE Controller C.97: Mandatory IF LL 1/1 "Advertising State", otherwise Excluded.
6/19	LE Advertising Report event	[1] 7.7.65.2	C.98	☑	LE Controller C.98: Mandatory IF LL 1/2 "Scanning State", otherwise Excluded.
6/20	LE Set Scan Enable command	[1] 7.8.11	C.98	☑	LE Controller C.98: Mandatory IF LL 1/2 "Scanning State", otherwise Excluded.
6/21	LE Set Scan Parameters command	[1] 7.8.10	C.98	☑	LE Controller C.98: Mandatory IF LL 1/2 "Scanning State", otherwise Excluded.
6/22	LE Read Advertising Physical Channel Tx Power command	[1] 7.8.6	C.97	☑	LE Controller C.97: Mandatory IF LL 1/1 "Advertising State", otherwise Excluded.
6/23	Inquiry Response Notification event	[1] 7.7.74	C.126	☑	BR/EDR Controller C.126: Optional IF BB 10/2 "Inquiry Scan with first FHS", otherwise Excluded.
6/24	Read Extended Inquiry Length command	[1] 7.3.98	C.113	☑	BR/EDR Controller C.113: Mandatory IF HCI 6/25 "Write Extended Inquiry Length command", otherwise Excluded.
6/25	Write Extended Inquiry Length command	[1] 7.3.99	C.128	☑	BR/EDR Controller C.128: Optional IF BB 10/1 "Inquiry", otherwise Excluded.
6/26	LE Directed Advertising Report event	[1] 7.7.65.11	C.63	☑	LE Controller C.63: Mandatory IF LL 1/2 "Scanning State" AND LL 9/13 "LL Privacy", otherwise Excluded.
6/27	LE Set Extended Scan Parameters command	[2] 7.8.64	C.19	☑	LE Controller, Core v5.0 or earlier C.19: Mandatory IF LL 4/7 "Extended Scanning", otherwise Excluded.
6/28	LE Set Extended Scan Enable command	[2] 7.8.65	C.19	☑	LE Controller, Core v5.0 or earlier C.19: Mandatory IF LL 4/7 "Extended Scanning", otherwise Excluded.
6/29	LE Extended Advertising Report event	[2] 7.7.65.13	C.19	☑	LE Controller, Core v5.0 or earlier C.19: Mandatory IF LL 4/7 "Extended Scanning", otherwise Excluded.
6/30	LE Periodic Advertising Create Sync command	[2] 7.8.67	C.16	☑	LE Controller, Core v5.0 or earlier C.16: Mandatory IF LL 4/8 "Scanning for Periodic Advertising" AND LL 1/3a "Synchronized State", otherwise Excluded.
6/31	LE Periodic Advertising Create Sync Cancel command	[2] 7.8.68	C.16	☑	LE Controller, Core v5.0 or earlier C.16: Mandatory IF LL 4/8 "Scanning for Periodic Advertising" AND LL 1/3a "Synchronized State", otherwise Excluded.

6/32	LE Periodic Advertising Terminate Sync command	[2] 7.8.69	C.21	✓	LE Controller, Core v5.0 or earlier C.21: Mandatory IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
6/33	LE Periodic Advertising Report event [v1]	[2] 7.7.65.15	C.21	✓	LE Controller, Core v5.0 or earlier C.21: Mandatory IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
6/34	LE Periodic Advertising Sync Lost event	[2] 7.7.65.16	C.21	✓	LE Controller, Core v5.0 or earlier C.21: Mandatory IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
6/35	LE Periodic Advertising Sync Established event [v1]	[2] 7.7.65.14	C.16	✓	LE Controller, Core v5.0 or earlier C.16: Mandatory IF LL 4/8 "Scanning for Periodic Advertising" AND LL 1/3a "Synchronized State", otherwise Excluded.
6/36	LE Scan Timeout event	[2] 7.7.65.17	C.19	✓	LE Controller, Core v5.0 or earlier C.19: Mandatory IF LL 4/7 "Extended Scanning", otherwise Excluded.
6/37	LE Set Periodic Advertising Receive Enable command	[3] 7.8.88	C.32	✓	LE Controller, Core v5.1 or later C.32: Mandatory IF LL 9/27 "Periodic Advertising Sync Transfer - Recipient", otherwise Optional IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
6/38	LE BIG Create Sync command	[5] 7.8.106	C.42	✓	LE Controller, Core v5.2 or later C.42: Mandatory IF LL 9/34 "Synchronized Receiver", otherwise Excluded.
6/39	LE BIG Sync Established event	[2] 7.7.65.29	C.42	✓	LE Controller, Core v5.2 or later C.42: Mandatory IF LL 9/34 "Synchronized Receiver", otherwise Excluded.
6/40	LE Terminate BIG command	[2] 7.8.105	C.41	✓	LE Controller, Core v5.2 or later C.41: Mandatory IF LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
6/41	LE BIG Sync Lost event	[2] 7.7.65.30	C.42	✓	LE Controller, Core v5.2 or later C.42: Mandatory IF LL 9/34 "Synchronized Receiver", otherwise Excluded.
6/42	LE BIG Terminate Sync command	[2] 7.8.107	C.42	✓	LE Controller, Core v5.2 or later C.42: Mandatory IF LL 9/34 "Synchronized Receiver", otherwise Excluded.
6/43	LE Terminate BIG Complete event	[2] 7.7.65.28	C.41	✓	LE Controller, Core v5.2 or later C.41: Mandatory IF LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
6/44	LE BIGInfo Advertising Report event	[2] 7.7.65.34	C.54	✓	LE Controller, Core v5.2 or later C.54: Mandatory IF LL 9/34 "Synchronized Receiver", otherwise Optional.
6/45	Inquiry Result event	[2] 7.7.2	C.127	✓	BR/EDR Controller C.127: Mandatory IF BB 10/1 "Inquiry", otherwise Excluded.
6/46	Extended Inquiry Result event	[2] 7.7.38	C.147	✓	BR/EDR Controller C.147: Optional IF HCI 6/47 "Inquiry Result with RSSI event", otherwise Excluded.
6/47	Inquiry Result with RSSI event	[2] 7.7.33	C.128	✓	BR/EDR Controller C.128: Optional IF BB 10/1 "Inquiry", otherwise Excluded.
6/48	Inquiry Complete event	[2] 7.7.1	C.127	✓	BR/EDR Controller C.127: Mandatory IF BB 10/1 "Inquiry", otherwise Excluded.
6/49	Page Scan Repetition Mode Change event	[2] 7.7.31	O	✓	BR/EDR Controller

Table 7:

Item	Capability	Reference	Support	Status	Comment
7/1	Create Connection command	[1] 7.1.5	M	✓	BR/EDR Controller
7/2	Accept Connection Request command	[1] 7.1.8	M	✓	BR/EDR Controller
7/3	Reject Connection Request command	[1] 7.1.9	M	✓	BR/EDR Controller
7/4	Create Connection Cancel command	[1] 7.1.7	M	✓	BR/EDR Controller
7/5	Disconnect command	[1] 7.1.6	C.3b	✓	BR/EDR/LE Controller C.3b: Mandatory IF HCI 1a/1 "BR/EDR Controller" OR LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
7/6	Read Page Timeout command	[1] 7.3.15	M	✓	BR/EDR Controller

7/7	Write Page Timeout command	[1] 7.3.16	M	☑	BR/EDR Controller
7/8	Read Page Scan Activity command	[1] 7.3.19	M	☑	BR/EDR Controller
7/9	Write Page Scan Activity command	[1] 7.3.20	M	☑	BR/EDR Controller
7/10	Read Page Scan Type command	[1] 7.3.51	C.119	☑	BR/EDR Controller C.119: Mandatory IF HCI 7/11 "Write Page Scan Type command", otherwise Excluded.
7/11	Write Page Scan Type command	[1] 7.3.52	C.154	☑	BR/EDR Controller C.154: Mandatory IF BB 7/5 "Interlaced Scan during Page Scan", otherwise Optional.
7/12	Read Connection Accept Timeout command	[1] 7.3.13	C.40a	☑	C.40a: Mandatory IF HCI 1a/1 "BR/EDR Controller" OR HCI 1a/3 "AMP Controller" OR LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
7/13	Write Connection Accept Timeout command	[1] 7.3.14	C.40a	☑	C.40a: Mandatory IF HCI 1a/1 "BR/EDR Controller" OR HCI 1a/3 "AMP Controller" OR LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
7/23	LE Create Connection command	[1] 7.8.12	C.59	☑	LE Controller C.59: Mandatory IF LL 1/5 "Central Role", otherwise Excluded.
7/24	LE Create Connection Cancel command	[1] 7.8.13	C.94	☑	LE Controller C.94: Mandatory IF HCI 7/23 "LE Create Connection command" OR HCI 7/41 "LE Extended Create Connection command [v1]", otherwise Excluded.
7/25	LE Connection Complete event	[1] 7.7.65.1	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
7/26	Disconnection Complete event	[1] 7.7.5	C.3b	☑	BR/EDR/LE Controller C.3b: Mandatory IF HCI 1a/1 "BR/EDR Controller" OR LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
7/27	LE Connection Update command	[1] 7.8.18	C.62	☑	LE Controller C.62: Mandatory IF LL 1/5 "Central Role" OR (LL 1/4 "Peripheral Role" AND LL 9/3 "Connection Parameters Request procedure"), otherwise Excluded.
7/28	LE Connection Update Complete event	[1] 7.7.65.3	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
7/35	LE Remote Connection Parameter Request Reply command	[1] 7.8.31	C.6	☑	LE Controller C.6: Mandatory IF LL 9/3 "Connection Parameters Request procedure", otherwise Excluded.
7/36	LE Remote Connection Parameter Request Negative Reply command	[1] 7.8.32	C.6	☑	LE Controller C.6: Mandatory IF LL 9/3 "Connection Parameters Request procedure", otherwise Excluded.
7/37	LE Remote Connection Parameter Request event	[1] 7.7.65.6	C.6	☑	LE Controller C.6: Mandatory IF LL 9/3 "Connection Parameters Request procedure", otherwise Excluded.
7/38	LE Enhanced Connection Complete event [v1]	[1] 7.7.65.10	C.24	☑	LE Controller C.24: Mandatory IF (LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role") AND (LL 9/13 "LL Privacy" OR LL 5/4 "Requesting connections using extended advertising"), otherwise Optional IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
7/39	LE Read Peer Resolvable Address command	[1] 7.8.42	C.10	☑	LE Controller C.10: Optional IF LL 9/13 "LL Privacy", otherwise Excluded.
7/40	LE Read Local Resolvable Address command	[1] 7.8.43	C.10	☑	LE Controller C.10: Optional IF LL 9/13 "LL Privacy", otherwise Excluded.
7/41	LE Extended Create Connection command [v1]	[2] 7.8.66	C.20	☑	LE Controller, Core v5.0 or earlier C.20: Mandatory IF LL 5/4 "Requesting connections using extended advertising", otherwise Excluded.
7/42	LE Channel Selection Algorithm event	[2] 7.7.65.20	C.23	☑	LE Controller, Core v5.0 or earlier C.23: Mandatory IF LL 9/10 "Channel Selection Algorithm #2", otherwise Excluded.
7/43	LE Set Privacy Mode command	[2] 7.8.77	C.9	☑	LE Controller, Core v5.0 or earlier C.9: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
7/44	Connection Request event	[1] 7.7.4	M	☑	BR/EDR Controller

7/45	Connection Complete event	[1] 7.7.3	M	☑	BR/EDR Controller
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Table 8:

Item	Capability	Reference	Support	Status	Comment
8/1	Remote Name Request command	[1] 7.1.19	O	☑	BR/EDR Controller
8/2	Remote Name Request Cancel command	[1] 7.1.20	C.106	☑	BR/EDR Controller C.106: Mandatory IF HCI 8/1 "Remote Name Request command", otherwise Excluded.
8/3	Read Remote Supported Features command	[1] 7.1.21	M	☑	BR/EDR Controller
8/4	Read Remote Extended Features command	[1] 7.1.22	C.220	☑	BR/EDR Controller C.220: Mandatory IF LMP 11/4 "Respond to extended features request", otherwise Excluded.
8/5a	Read Remote Version Information command on BR/EDR	[1] 7.1.23	O	☑	BR/EDR Controller
8/5b	Read Remote Version Information command on LE	[1] 7.1.23	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
8/6	LE Read Remote Features Page 0 command	[1] 7.8.21	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
8/7	LE Read Remote Features Page 0 Complete event	[1] 7.7.65.4	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
8/8a	Read Remote Version Information Complete event on BR/EDR	[1] 7.7.12	C.105	☑	BR/EDR Controller C.105: Mandatory IF HCI 8/5a "Read Remote Version Information command on BR/EDR", otherwise Excluded.
8/8b	Read Remote Version Information Complete event on LE	[1] 7.7.12	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
8/10	LE Read Remote Transmit Power Level command	[2] 7.8.118	C.51	☑	LE Controller, Core v5.2 or later C.51: Mandatory IF LL 9/37 "LE Power Control Request", otherwise Excluded.
8/11	Read Remote Extended Features Complete event	[1] 7.7.34	C.220	☑	BR/EDR Controller C.220: Mandatory IF LMP 11/4 "Respond to extended features request", otherwise Excluded.
8/12	Read Remote Supported Features Complete event	[1] 7.7.11	M	☑	BR/EDR Controller
8/13	Remote Host Supported Features Notification event	[1] 7.7.50	C.106	☑	BR/EDR Controller C.106: Mandatory IF HCI 8/1 "Remote Name Request command", otherwise Excluded.
8/14	Remote Name Request Complete event	[1] 7.7.7	C.106	☑	BR/EDR Controller C.106: Mandatory IF HCI 8/1 "Remote Name Request command", otherwise Excluded.

Table 9:

Item	Capability	Reference	Support	Status	Comment
9/1	Setup Synchronous Connection command	[1] 7.1.26	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
9/2	Accept Synchronous Connection Request command	[1] 7.1.27	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
9/3	Reject Synchronous Connection Request command	[1] 7.1.28	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
9/4	Read Voice Setting command	[1] 7.3.27	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
9/5	Write Voice Setting command	[1] 7.3.28	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
9/10	Enhanced Setup Synchronous Connection command	[1] 7.1.45	C.135	☑	BR/EDR Controller C.135: Optional IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.

9/11	Enhanced Accept Synchronous Connection Request command	[1] 7.1.46	C.135	☑	BR/EDR Controller C.135: Optional IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
9/12	Synchronous Connection Complete event	[1] 7.7.35	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
9/13	Synchronous Connection Changed event	[1] 7.7.36	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.

Table 10:

Item	Capability	Reference	Support	Status	Comment
10/2	Sniff Mode command	[1] 7.2.2	C.214	☑	BR/EDR Controller C.214: Mandatory IF LMP 2/8 "Sniff mode", otherwise Excluded.
10/3	Exit Sniff Mode command	[1] 7.2.3	C.214	☑	BR/EDR Controller C.214: Mandatory IF LMP 2/8 "Sniff mode", otherwise Excluded.
10/6	Read Link Policy Settings command	[1] 7.2.9	C.141	☑	BR/EDR Controller C.141: Mandatory IF LMP 2/6 "Role switch" OR LMP 2/7 "Hold mode" OR LMP 2/8 "Sniff mode", otherwise Excluded.
10/7	Write Link Policy Settings command	[1] 7.2.10	C.141	☑	BR/EDR Controller C.141: Mandatory IF LMP 2/6 "Role switch" OR LMP 2/7 "Hold mode" OR LMP 2/8 "Sniff mode", otherwise Excluded.
10/8	Read Default Link Policy Settings command	[1] 7.2.11	C.141	☑	BR/EDR Controller C.141: Mandatory IF LMP 2/6 "Role switch" OR LMP 2/7 "Hold mode" OR LMP 2/8 "Sniff mode", otherwise Excluded.
10/9	Write Default Link Policy Settings command	[1] 7.2.12	C.141	☑	BR/EDR Controller C.141: Mandatory IF LMP 2/6 "Role switch" OR LMP 2/7 "Hold mode" OR LMP 2/8 "Sniff mode", otherwise Excluded.
10/12	LE Set Data Length command	[1] 7.8.33	C.8	☑	LE Controller C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension", otherwise Optional.
10/13	LE Data Length Change event	[1] 7.7.65.7	C.8	☑	LE Controller C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension", otherwise Optional.
10/14	LE Read Suggested Default Data Length command	[1] 7.8.34	C.8	☑	LE Controller C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension", otherwise Optional.
10/15	LE Write Suggested Default Data Length command	[1] 7.8.35	C.8	☑	LE Controller C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension", otherwise Optional.
10/16	LE Read Maximum Data Length command	[1] 7.8.46	C.8	☑	LE Controller C.8: Mandatory IF LL 9/6 "LE Data Packet Length Extension", otherwise Optional.
10/24	LE Periodic Advertising Sync Transfer command	[3] 7.8.89	C.33	☑	LE Controller, Core v5.1 or later C.33: Mandatory IF LL 9/26 "Periodic Advertising Sync Transfer - Sender" AND LL 1/2 "Scanning State", otherwise Excluded.
10/25	LE Periodic Advertising Set Info Transfer command	[3] 7.8.90	C.34	☑	LE Controller, Core v5.1 or later C.34: Mandatory IF LL 9/26 "Periodic Advertising Sync Transfer - Sender" AND LL 1/1 "Advertising State", otherwise Excluded.
10/26	LE Periodic Advertising Sync Transfer Received event [v1]	[3] 7.7.65.24	C.35	☑	LE Controller, Core v5.1 or later C.35: Mandatory IF LL 9/27 "Periodic Advertising Sync Transfer - Recipient", otherwise Excluded.
10/27	LE Set Periodic Advertising Sync Transfer Parameters command	[3] 7.8.91	C.35	☑	LE Controller, Core v5.1 or later C.35: Mandatory IF LL 9/27 "Periodic Advertising Sync Transfer - Recipient", otherwise Excluded.
10/28	LE Set Default Periodic Advertising Sync Transfer Parameters command	[3] 7.8.92	C.35	☑	LE Controller, Core v5.1 or later C.35: Mandatory IF LL 9/27 "Periodic Advertising Sync Transfer - Recipient", otherwise Excluded.
10/29	LE Modify Sleep Clock Accuracy command	[3] 7.8.94	C.37	☑	LE Controller, Core v5.1 or later C.37: Mandatory IF LL 9/40 "Can Change Sleep Clock Accuracy", otherwise Excluded.
10/30	LE Create CIS command	[5] 7.8.99	C.39	☑	LE Controller, Core v5.2 or later C.39: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central", otherwise Excluded.

10/31	LE CIS Established event [v1]	[5] 7.7.65.25	C.38	☑	LE Controller, Core v5.2 or later C.38: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
10/31a	LE CIS Established event [v2]	[5] 7.7.65.25	C.159	☑	LE Controller, Core v5.2 or later C.159: Optional IF HCI 10/31 "LE CIS Established event [v1]", otherwise Excluded.
10/32	LE CIS Request event	[5] 7.7.65.26	C.40	☑	LE Controller, Core v5.2 or later C.40: Mandatory IF LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
10/33	LE Accept CIS Request command	[5] 7.8.101	C.40	☑	LE Controller, Core v5.2 or later C.40: Mandatory IF LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
10/34	LE Reject CIS Request command	[5] 7.8.102	C.40	☑	LE Controller, Core v5.2 or later C.40: Mandatory IF LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
10/35	Max Slots Change event	[1] 7.7.27	C.132	☑	BR/EDR Controller C.132: Mandatory IF BB 5/2 "DM3 packet type" OR BB 5/3 "DH3 packet type" OR BB 5/4 "DM5 packet type" OR BB 5/5 "DH5 packet type" OR LMP 2b/2 "EDR for asynchronous transports (multi-slot)", otherwise Excluded.
10/36	Mode Change event	[1] 7.7.20	C.144	☑	BR/EDR Controller C.144: Mandatory IF LMP 2/7 "Hold mode" OR LMP 2/8 "Sniff mode", otherwise Excluded.
10/37	Role Change event	[1] 7.7.18	C.212	☑	BR/EDR Controller C.212: Mandatory IF LMP 2/6 "Role switch", otherwise Excluded.
10/38	Connection Packet Type Changed event	[1] 7.7.29	C.133	☑	BR/EDR Controller C.133: Mandatory IF BB 5/2 "DM3 packet type" OR BB 5/3 "DH3 packet type" OR BB 5/4 "DM5 packet type" OR BB 5/5 "DH5 packet type" OR BB 6/2 "HV2 packet type" OR BB 6/3 "HV3 packet type" OR BB 2/4 "Enhanced Data Rate ACL links", otherwise Excluded.

Table 11:

Item	Capability	Reference	Support	Status	Comment
11/1	Role Discovery command	[1] 7.2.7	O	☑	BR/EDR Controller
11/2	Switch Role command	[1] 7.2.8	C.212	☑	BR/EDR Controller C.212: Mandatory IF LMP 2/6 "Role switch", otherwise Excluded.

Table 12:

Item	Capability	Reference	Support	Status	Comment
12/1	Flow Specification command	[1] 7.2.13	M	☑	BR/EDR Controller
12/2	QoS Setup command	[1] 7.2.6	M	☑	BR/EDR Controller
12/3	Flush command	[1] 7.3.4	M	☑	BR/EDR Controller
12/4	Read Automatic Flush Timeout command	[1] 7.3.29	M	☑	BR/EDR Controller
12/5	Write Automatic Flush Timeout command	[1] 7.3.30	M	☑	BR/EDR Controller
12/6	Read Failed Contact Counter command	[1] 7.5.1	M	☑	BR/EDR Controller or AMP Controller
12/7	Reset Failed Contact Counter command	[1] 7.5.2	M	☑	BR/EDR Controller or AMP Controller
12/10	Enhanced Flush command	[1] 7.3.66	M	☑	BR/EDR Controller or AMP Controller
12/17	Sniff Subrating command	[1] 7.2.14	C.221	☑	BR/EDR Controller C.221: Mandatory IF LMP 16/7 "Sniff Subrating Mode", otherwise Excluded.
12/18	Sniff Subrating event	[1] 7.7.37	C.221	☑	BR/EDR Controller C.221: Mandatory IF LMP 16/7 "Sniff Subrating Mode", otherwise Excluded.
12/22	Flush Occurred event	[1] 7.7.17	M	☑	BR/EDR Controller or AMP Controller
12/23	Enhanced Flush Complete event	[1] 7.7.47	M	☑	BR/EDR Controller or AMP Controller
12/24	Flow Specification Complete event	[1] 7.7.32	M	☑	BR/EDR Controller

12/26	QoS Setup Complete event	[1] 7.7.13	M	☑	BR/EDR Controller
12/27	QoS Violation event	[1] 7.7.30	M	☑	BR/EDR Controller or AMP Controller

Table 13:

Item	Capability	Reference	Support	Status	Comment
13/1a	Read Link Supervision Timeout command on BR/EDR	[1] 7.3.41	C.117	☑	BR/EDR Controller C.117: Mandatory IF HCI 13/2a "Write Link Supervision Timeout command on BR/EDR", otherwise Excluded.
13/2a	Write Link Supervision Timeout command on BR/EDR	[1] 7.3.42	O	☑	BR/EDR Controller
13/3	Read AFH Channel Assessment Mode command	[1] 7.3.53	C.140	☑	BR/EDR Controller C.140: Mandatory IF LMP 26/1 "Support of AFH switch as Central" OR LMP 26/6 "Support of Channel Classification", otherwise Excluded.
13/3a	Read AFH Channel Assessment Mode command	[6] 7.3.53	C.58	☑	LE Controller, Core v5.3 or later C.58: Mandatory IF LL 9/44 "Channel Classification", otherwise Excluded.
13/4	Write AFH Channel Assessment Mode command	[1] 7.3.54	C.140	☑	BR/EDR Controller C.140: Mandatory IF LMP 26/1 "Support of AFH switch as Central" OR LMP 26/6 "Support of Channel Classification", otherwise Excluded.
13/4a	Write AFH Channel Assessment Mode command	[6] 7.3.54	C.58	☑	LE Controller, Core v5.3 or later C.58: Mandatory IF LL 9/44 "Channel Classification", otherwise Excluded.
13/5	Set AFH Host Channel Classification command	[1] 7.3.46	C.140	☑	BR/EDR Controller C.140: Mandatory IF LMP 26/1 "Support of AFH switch as Central" OR LMP 26/6 "Support of Channel Classification", otherwise Excluded.
13/6	Change Connection Packet Type command	[1] 7.1.14	C.133	☑	BR/EDR Controller C.133: Mandatory IF BB 5/2 "DM3 packet type" OR BB 5/3 "DH3 packet type" OR BB 5/4 "DM5 packet type" OR BB 5/5 "DH5 packet type" OR BB 6/2 "HV2 packet type" OR BB 6/3 "HV3 packet type" OR BB 2/4 "Enhanced Data Rate ACL links", otherwise Excluded.
13/7	Link Supervision Timeout Changed event	[1] 7.7.46	M	☑	BR/EDR Controller
13/8	LE Set Host Channel Classification command	[1] 7.8.19	C.36	☑	LE Controller C.36: Mandatory IF LL 9/44 "Channel Classification" OR LL 1/5 "Central Role", otherwise Optional IF (LL 9/41 "LE Extended Advertising" AND LL 1/1 "Advertising State") OR LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
13/9	LE Read PHY command	[2] 7.8.47	C.11	☑	LE Controller, Core v5.0 or earlier C.11: Mandatory IF LL 9/6a "Multiple PHYs", otherwise Optional.
13/10	LE Set Default PHY command	[2] 7.8.48	C.11	☑	LE Controller, Core v5.0 or earlier C.11: Mandatory IF LL 9/6a "Multiple PHYs", otherwise Optional.
13/11	LE Set PHY command	[2] 7.8.49	C.11	☑	LE Controller, Core v5.0 or earlier C.11: Mandatory IF LL 9/6a "Multiple PHYs", otherwise Optional.
13/12	LE PHY Update Complete event	[2] 7.7.65.12	C.11	☑	LE Controller, Core v5.0 or earlier C.11: Mandatory IF LL 9/6a "Multiple PHYs", otherwise Optional.

Table 14:

Item	Capability	Reference	Support	Status	Comment
14/1	Host Buffer Size command	[1] 7.3.39	C.107	☑	C.107: Mandatory IF HCI 14/4 "Set Controller to Host Flow Control command", otherwise Excluded.

14/2	Set Event Mask command	[1] 7.3.1	M	☑	
14/3	Set Event Filter command	[1] 7.3.3	C.148	☑	BR/EDR Controller C.148: Optional IF HCI 7/45 "Connection Complete event" OR HCI 7/44 "Connection Request event" OR HCI 6/46 "Extended Inquiry Result event" OR HCI 6/47 "Inquiry Result with RSSI event" OR HCI 16/54 "IO Capability Request event" OR HCI 9/12 "Synchronous Connection Complete event", otherwise Excluded.
14/4	Set Controller to Host Flow Control command	[1] 7.3.38	C.96a	☑	C.96a: Optional IF HCI 1a/1 "BR/EDR Controller" OR HCI 1a/3 "AMP Controller" OR LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
14/5	Host Number of Completed Packets command	[1] 7.3.40	C.107	☑	C.107: Mandatory IF HCI 14/4 "Set Controller to Host Flow Control command", otherwise Excluded.
14/8	Set Event Mask Page 2 command	[1] 7.3.69	O	☑	
14/12	Number of Completed Packets event	[1] 7.7.19	C.3a	☑	C.3a: Mandatory IF HCI 1a/1 "BR/EDR Controller" OR HCI 1a/3 "AMP Controller" OR LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
14/14	LE Set Event Mask command	[1] 7.8.1	M	☑	LE Controller
14/15	Read LE Host Support command	[1] 7.3.78	C.116	☑	BR/EDR Controller C.116: Mandatory IF HCI 14/16 "Write LE Host Support command", otherwise Excluded.
14/16	Write LE Host Support command	[1] 7.3.79	C.153	☑	BR/EDR Controller C.153: Mandatory IF HCI 1a/4 "LE Controller", otherwise Optional.
14/17	LE Add Device To Periodic Advertiser List command	[2] 7.8.70	C.21	☑	LE Controller, Core v5.0 or earlier C.21: Mandatory IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
14/18	LE Remove Device From Periodic Advertiser List command	[2] 7.8.71	C.21	☑	LE Controller, Core v5.0 or earlier C.21: Mandatory IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
14/19	LE Clear Periodic Advertiser List command	[2] 7.8.72	C.21	☑	LE Controller, Core v5.0 or earlier C.21: Mandatory IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
14/20	LE Read Periodic Advertiser List Size command	[2] 7.8.73	C.21	☑	LE Controller, Core v5.0 or earlier C.21: Mandatory IF LL 11/1 "Synchronizing to Periodic Advertising", otherwise Excluded.
14/23	Separate BR/EDR and LE Data Buffers	[1] 1.1	O	☑	ERROR: Unknown HCI IUT Config prereq "(HCI 1a/1 OR HCI 1a/3) AND HCI 1a/4"

Table 15:

Item	Capability	Reference	Support	Status	Comment
15/1	Read LMP Handle command	[1] 7.1.25	C.134	☑	BR/EDR Controller C.134: Mandatory IF BB 2/2 "SCO link" OR BB 2/3 "eSCO link", otherwise Excluded.
15/2a	Read Enhanced Transmit Power Level command	[1] 7.3.74	C.217	☑	BR/EDR Controller C.217: Mandatory IF LMP 2/20 "Enhanced Power Control", otherwise Excluded.
15/2b	Read Transmit Power Level command on BR/EDR	[1] 7.3.35	C.152	☑	BR/EDR Controller C.152: Mandatory IF LMP 2/10 "Power Control", otherwise Optional.
15/2c	Read Transmit Power Level command on LE	[1] 7.3.35	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
15/4c	Read RSSI command on LE	[1] 7.5.4	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.

15/5	Read Clock Offset command	[1] 7.1.24	O	☑	BR/EDR Controller
15/6	Read Clock command	[1] 7.5.6	O	☑	BR/EDR Controller
15/7	Read AFH Channel Map command	[1] 7.5.5	C.139	☑	BR/EDR Controller C.139: Mandatory IF LMP 26/1 "Support of AFH switch as Central" OR LMP 26/2 "Support of AFH switch as Peripheral", otherwise Excluded.
15/8	LE Read Channel Map command	[1] 7.8.20	C.3	☑	LE Controller C.3: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role", otherwise Excluded.
15/10	Read Clock Offset Complete event	[1] 7.7.28	C.104	☑	BR/EDR Controller C.104: Mandatory IF HCI 15/5 "Read Clock Offset command", otherwise Excluded.

Table 16:

Item	Capability	Reference	Support	Status	Comment
16/1	Read Authentication Enable command	[1] 7.3.23	C.111	☑	BR/EDR Controller C.111: Mandatory IF HCI 16/2 "Write Authentication Enable command", otherwise Excluded.
16/2	Write Authentication Enable command	[1] 7.3.24	O	☑	BR/EDR Controller
16/5	Link Key Request Reply command	[1] 7.1.10	M	☑	BR/EDR Controller
16/6	Link Key Request Negative Reply command	[1] 7.1.11	M	☑	BR/EDR Controller
16/7	PIN Code Request Reply command	[1] 7.1.12	M	☑	BR/EDR Controller
16/8	PIN Code Request Negative Reply command	[1] 7.1.13	M	☑	BR/EDR Controller
16/9	Authentication Requested command	[1] 7.1.15	O	☑	BR/EDR Controller
16/10	Set Connection Encryption command	[1] 7.1.16	M	☑	BR/EDR Controller
16/11	Change Connection Link Key command	[1] 7.1.17	O	☑	BR/EDR Controller
16/12	Link Key Selection command	[1] 7.1.18	C.215	☑	BR/EDR Controller C.215: Mandatory IF LMP 2/14 "Broadcast encryption", otherwise Excluded.
16/13	Read PIN Type command	[1] 7.3.5	C.120	☑	BR/EDR Controller C.120: Mandatory IF HCI 16/14 "Write PIN Type command", otherwise Excluded.
16/14	Write PIN Type command	[1] 7.3.6	O	☑	BR/EDR Controller
16/15	Read Stored Link Key command	[1] 7.3.8	C.121	☑	BR/EDR Controller C.121: Mandatory IF HCI 16/16 "Write Stored Link Key command", otherwise Excluded.
16/16	Write Stored Link Key command	[1] 7.3.9	O	☑	BR/EDR Controller
16/17	Delete Stored Link Key command	[1] 7.3.10	C.121	☑	BR/EDR Controller C.121: Mandatory IF HCI 16/16 "Write Stored Link Key command", otherwise Excluded.
16/19	User Confirmation Request Reply command	[1] 7.1.30	M	☑	BR/EDR Controller
16/20	User Confirmation Request Negative Reply command	[1] 7.1.31	M	☑	BR/EDR Controller
16/21	User Passkey Request Reply command	[1] 7.1.32	M	☑	BR/EDR Controller
16/22	User Passkey Request Negative Reply command	[1] 7.1.33	M	☑	BR/EDR Controller

16/23	IO Capability Request Reply command	[1] 7.1.29	M	☑	BR/EDR Controller
16/23a	IO Capability Request Negative Reply command	[1] 7.1.36	M	☑	BR/EDR Controller
16/24a	Remote OOB Data Request Reply command	[1] 7.1.34	M	☑	BR/EDR Controller
16/25	Remote OOB Data Request Negative Reply command	[1] 7.1.35	M	☑	BR/EDR Controller
16/26	Read Local OOB Data command	[1] 7.3.60	M	☑	BR/EDR Controller
16/27	Write Simple Pairing Mode command	[1] 7.3.59	M	☑	BR/EDR Controller
16/28	Read Simple Pairing Mode command	[1] 7.3.58	M	☑	BR/EDR Controller
16/29	Refresh Encryption Key command	[1] 7.3.57	M	☑	BR/EDR Controller
16/30	Read Encryption Key Size command	[1] 7.5.7	M	☑	BR/EDR Controller
16/31	Send Keypress Notification command	[1] 7.3.63	M	☑	BR/EDR Controller
16/32	LE Encrypt command	[1] 7.8.22	C.4	☑	LE Controller C.4: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
16/33	LE Rand command	[1] 7.8.23	C.4	☑	LE Controller C.4: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
16/34	LE Long Term Key Request Reply command	[1] 7.8.25	C.61	☑	LE Controller C.61: Mandatory IF LL 1/4 "Peripheral Role" AND LL 9/1 "LE Encryption", otherwise Excluded.
16/35	LE Enable Encryption command	[1] 7.8.24	C.60	☑	LE Controller C.60: Mandatory IF LL 1/5 "Central Role" AND LL 9/1 "LE Encryption", otherwise Excluded.
16/36	LE Long Term Key Request event	[1] 7.7.65.5	C.61	☑	LE Controller C.61: Mandatory IF LL 1/4 "Peripheral Role" AND LL 9/1 "LE Encryption", otherwise Excluded.
16/37a	Encryption Change event [v1] on BR/EDR	[1] 7.7.8	M	☑	BR/EDR Controller
16/37b	Encryption Change event [v1] on LE	[1] 7.7.8	C.4	☑	LE Controller C.4: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
16/38a	Encryption Key Refresh Complete event on BR/EDR	[1] 7.7.39	M	☑	BR/EDR Controller
16/38b	Encryption Key Refresh Complete event on LE	[1] 7.7.39	C.4	☑	LE Controller C.4: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
16/39	LE Long Term Key Request Negative Reply command	[1] 7.8.26	C.61	☑	LE Controller C.61: Mandatory IF LL 1/4 "Peripheral Role" AND LL 9/1 "LE Encryption", otherwise Excluded.
16/40	Link Key Notification event	[1] 7.7.24	M	☑	BR/EDR Controller
16/41	Read Secure Connections Host Support command	[1] 7.3.91	C.218	☑	BR/EDR Controller C.218: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)", otherwise Excluded.
16/42	Write Secure Connections Host Support command	[1] 7.3.92	C.218	☑	BR/EDR Controller C.218: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)", otherwise Excluded.
16/43	Remote OOB Extended Data Request Reply command	[1] 7.1.53	C.142	☑	BR/EDR Controller C.142: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)" OR LMP 2/19b "Secure Simple Pairing (Controller Support)", otherwise Excluded.
16/44	Read Local OOB Extended Data command	[1] 7.3.95	C.142	☑	BR/EDR Controller C.142: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)" OR LMP 2/19b "Secure Simple Pairing (Controller Support)", otherwise Excluded.

16/45	Write Secure Connections Test Mode command	[1] 7.6.8	C.138	☑	BR/EDR Controller C.138: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)", otherwise Optional IF BB 2/3 "eSCO link", otherwise Excluded.
16/46a	Authenticated Payload Timeout Expired event on BR/EDR	[1] 7.7.75	C.155a	☑	BR/EDR Controller C.155a: Mandatory IF HCI 16/48a "Write Authenticated Payload Timeout command on BR/EDR", otherwise Optional.
16/46b	Authenticated Payload Timeout Expired event on LE	[1] 7.7.75	C.155b	☑	LE Controller C.155b: Mandatory IF HCI 16/48b "Write Authenticated Payload Timeout command on LE", otherwise Optional.
16/47a	Read Authenticated Payload Timeout command on BR/EDR	[1] 7.3.93	C.155a	☑	BR/EDR Controller C.155a: Mandatory IF HCI 16/48a "Write Authenticated Payload Timeout command on BR/EDR", otherwise Optional.
16/47b	Read Authenticated Payload Timeout command on LE	[1] 7.3.93	C.155b	☑	LE Controller C.155b: Mandatory IF HCI 16/48b "Write Authenticated Payload Timeout command on LE", otherwise Optional.
16/48a	Write Authenticated Payload Timeout command on BR/EDR	[1] 7.3.94	C.151	☑	BR/EDR Controller C.151: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)" AND LMP 2/27 "Ping", otherwise Excluded.
16/48b	Write Authenticated Payload Timeout command on LE	[1] 7.3.94	C.7	☑	LE Controller C.7: Mandatory IF LL 9/1 "LE Encryption" AND LL 9/2 "LE Ping", otherwise Excluded.
16/50	LE Read Local P-256 Public Key command	[1] 7.8.36	O	☑	LE Controller
16/51	LE Generate DHKey command [v1]	[1] 7.8.37	C.99	☑	LE Controller C.99: Mandatory IF HCI 16/51a "LE Generate DHKey command [v2]", otherwise Optional.
16/51a	LE Generate DHKey command [v2]	[3] 7.8.37	O	☑	LE Controller, Core v5.1 or later
16/52	LE Read Local P-256 Public Key Complete event	[1] 7.7.65.8	O	☑	LE Controller
16/53	LE Generate DHKey Complete event	[1] 7.7.65.9	O	☑	LE Controller
16/54	IO Capability Request event	[1] 7.7.40	M	☑	BR/EDR Controller
16/55	IO Capability Response event	[1] 7.7.41	M	☑	BR/EDR Controller
16/56	Link Key Request event	[1] 7.7.23	M	☑	BR/EDR Controller
16/57	Return Link Keys event	[1] 7.7.21	C.121	☑	BR/EDR Controller C.121: Mandatory IF HCI 16/16 "Write Stored Link Key command", otherwise Excluded.
16/58	Change Connection Link Key Complete event	[1] 7.7.9	C.102	☑	BR/EDR Controller C.102: Mandatory IF HCI 16/11 "Change Connection Link Key command", otherwise Excluded.
16/59	Link Key Type Changed event	[1] 7.7.10	C.215	☑	BR/EDR Controller C.215: Mandatory IF LMP 2/14 "Broadcast encryption", otherwise Excluded.
16/60	Keypress Notification event	[1] 7.7.49	M	☑	BR/EDR Controller
16/61	PIN Code Request event	[1] 7.7.22	M	☑	BR/EDR Controller
16/62	Remote OOB Data Request event	[1] 7.7.44	M	☑	BR/EDR Controller
16/63	User Passkey Request event	[1] 7.7.43	M	☑	BR/EDR Controller
16/64	User Passkey Notification event	[1] 7.7.48	M	☑	BR/EDR Controller
16/65	User Confirmation Request event	[1] 7.7.42	M	☑	BR/EDR Controller
16/66	Authentication Complete event	[1] 7.7.6	C.101	☑	BR/EDR Controller C.101: Mandatory IF HCI 16/9 "Authentication Requested command", otherwise Excluded.
16/67	Simple Pairing Complete event	[1] 7.7.45	M	☑	BR/EDR Controller

Table 17:

Item	Capability	Reference	Support	Status	Comment
17/1	Read Loopback Mode command	[1] 7.6.1	C.123	☑	BR/EDR Controller C.123: Mandatory IF LMP 25/1 "Activate test mode", otherwise Excluded.
17/2	Write Loopback Mode command	[1] 7.6.2	C.123	☑	BR/EDR Controller C.123: Mandatory IF LMP 25/1 "Activate test mode", otherwise Excluded.
17/3a	Enable Device Under Test Mode command on BR/EDR	[1] 7.6.3	C.123	☑	BR/EDR Controller C.123: Mandatory IF LMP 25/1 "Activate test mode", otherwise Excluded.
17/4	Write Simple Pairing Debug Mode command	[1] 7.6.4	M	☑	BR/EDR Controller
17/7	LE Receiver Test command [v1]	[1] 7.8.28	C.2	☑	LE Controller C.2: Mandatory IF RFPHY 1/2 "LE Receiver" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
17/8	LE Transmitter Test command [v1]	[1] 7.8.29	C.1	☑	LE Controller C.1: Mandatory IF RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
17/9	LE Test End command	[1] 7.8.30	M	☑	LE Controller
17/10	LE Receiver Test command [v2]	[2] 7.8.28	C.13	☑	LE Controller, Core v5.0 or earlier C.13: Mandatory IF LL 9/6a "Multiple PHYs" OR RFPHY 1/6 "Stable Modulation Index - Receiver", otherwise Optional IF RFPHY 1/2 "LE Receiver" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
17/11	LE Transmitter Test command [v2]	[2] 7.8.29	C.12	☑	LE Controller, Core v5.0 or earlier C.12: Mandatory IF LL 9/6a "Multiple PHYs" OR RFPHY 1/5 "Stable Modulation Index - Transmitter", otherwise Optional IF RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
17/12	LE Receiver Test command [v3]	[3] 7.8.28	C.30	☑	LE Controller, Core v5.1 or later C.30: Mandatory IF LL 9/14 "Connection CTE Request" OR LL 9/17 "Connectionless CTE Receiver", otherwise Optional IF RFPHY 1/2 "LE Receiver" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
17/13	LE Transmitter Test command [v3]	[3] 7.8.29	C.29	☑	LE Controller, Core v5.1 or later C.29: Mandatory IF LL 9/15 "Connection CTE Response" OR LL 9/16 "Connectionless CTE Transmitter", otherwise Optional IF RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
17/14	LE ISO Transmit Test command	[5] 7.8.111	C.45	☑	LE Controller, Core v5.2 or later C.45: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
17/15	LE ISO Receive Test command	[5] 7.8.112	C.46	☑	LE Controller, Core v5.2 or later C.46: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/34 "Synchronized Receiver", otherwise Excluded.
17/16	LE ISO Read Test Counters command	[5] 7.8.113	C.46	☑	LE Controller, Core v5.2 or later C.46: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/34 "Synchronized Receiver", otherwise Excluded.
17/17	LE ISO Test End command	[5] 7.8.114	C.47	☑	LE Controller, Core v5.2 or later C.47: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/33 "Isochronous Broadcaster" OR LL 9/34 "Synchronized Receiver", otherwise Excluded.
17/18	LE Transmitter Test command [v4]	[5] 7.8.29	C.53	☑	LE Controller, Core v5.2 or later C.53: Mandatory IF LL 9/37 "LE Power Control Request", otherwise Optional IF RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver", otherwise Excluded.
17/22	Loopback command event	[1] 7.7.25	C.123	☑	BR/EDR Controller C.123: Mandatory IF LMP 25/1 "Activate test mode", otherwise Excluded.

Table 18:

Item	Capability	Reference	Support	Status	Comment

Table 20:

Item	Capability	Reference	Support	Status	Comment

20/1	LE Create BIG command	[5] 7.8.103	C.41	☑	LE Controller, Core v5.2 or later C.41: Mandatory IF LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
20/2	LE Create BIG Test command	[5] 7.8.104	C.41	☑	LE Controller, Core v5.2 or later C.41: Mandatory IF LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
20/3	LE Create BIG Complete event	[5] 7.7.65.27	C.41	☑	LE Controller, Core v5.2 or later C.41: Mandatory IF LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
20/4	Isochronous data over HCI	[5] 5.4.5	O	☑	LE Controller, Core v5.2 or later
20/5	LE Set Host Feature command	[5] 7.8.115	C.49	☑	LE Controller, Core v5.2 or later C.49: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/45 "Connection Subrating" OR LL 9/48 "Advertising Coding Selection" OR LL 9/56 "Channel Sounding", otherwise Optional.

Table 21:

Item	Capability	Reference	Support	Status	Comment
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Hands-Free Profile

Table 0a: AG X.Y Versions

Prerequisite: HFP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 0b: HF X.Y Versions

Prerequisite: HFP 1/2 "Hands-Free (HF)"

Item	Capability	Reference	Support	Status	Comment
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0b/5 Hands-Free Profile 1.9 [5] C.1 ☑ C.1: Mandatory to support one and only one.

Table 0c: AG X.Y.Z Versions

Prerequisite: HFP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 0d: HF X.Y.Z Versions

Prerequisite: HFP 1/2 "Hands-Free (HF)"

Item	Capability	Reference	Support	Status	Comment
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Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
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1/2 Hands-Free (HF) [1] 2.2 C.1 ☑ C.1: Mandatory to support at least one.

Table 2: Capabilities of the AG

Prerequisite: HFP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 3: Capabilities of the HF

Prerequisite: HFP 1/2 "Hands-Free (HF)"

Item	Capability	Reference	Support	Status	Comment
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3/1 Connection management [1] 4.2, 4.3 M ☑

3/2a	Phone status information (service and call indicators)	[1] 4.4, 4.10	M	☑	
3/2b	Phone status information (callsetup indicator)	[1] 4.10	O	☑	
3/2c	Accept indicator of signal strength	[1] 4.5	O	☑	
3/3	Audio Connection handling	[1] 4.11, 4.12	M	☑	
3/3b	eSCO support in Audio Connection	[1] 5.7.1, [5] 6.7.1	M	☑	
3/3c	Codec Negotiation	[1] 4.11	C.5	☑	C.5: Mandatory IF HFP 3/24 "Wide Band Speech service" OR HFP 3/28 "Super Wide Band Speech", otherwise Optional.
3/4a	Accept an incoming voice call (in-band ring)	[1] 4.13	M	☑	
3/4b	Accept an incoming voice call (no in-band ring)	[1] 4.13	M	☑	
3/5	Reject an incoming voice call	[1] 4.14	M	☑	
3/6	Terminate a call	[1] 4.15	M	☑	
3/7	Audio Connection transfer during an ongoing call	[1] 4.16, 4.17	M	☑	
3/11	Call Waiting notification	[1] 4.21	O	☑	
3/12	Three Way Calling	[1] 4.22	O	☑	
3/12a	Three way calling (AT+CHLD values 0)	[1] 4.22	C.2	☑	C.2: Optional IF HFP 3/12 "Three Way Calling", otherwise Excluded.
3/12b	Three way calling (AT+CHLD values 1 and 2)	[1] 4.22	C.1	☑	C.1: Mandatory IF HFP 3/12 "Three Way Calling", otherwise Excluded.
3/12c	Three way calling (AT+CHLD value 3)	[1] 4.22	C.2	☑	C.2: Optional IF HFP 3/12 "Three Way Calling", otherwise Excluded.
3/13	Calling Line Identification (CLI)	[1] 4.23	O	☑	
3/14	Echo Canceling (EC) and Noise Reduction (NR)	[1] 4.24	O	☑	
3/15	Voice recognition activation/deactivation	[1] 4.25	O	☑	
3/18a	Remote audio volume control - speaker	[1] 4.28,1	O	☑	
3/18b	Remote audio volume control - microphone	[1] 4.28.1	O	☑	
3/18c	Volume level synchronization - speaker	[1] 4.28.2	C.3	☑	C.3: Mandatory IF HFP 3/18a "Remote audio volume control - speaker" OR HFP 3/18b "Remote audio volume control - microphone", otherwise Optional.
3/18d	Volume level synchronization - microphone	[1] 4.28.2	C.4	☑	C.4: Mandatory IF HFP 3/18b "Remote audio volume control - microphone", otherwise Optional.
3/26	Support CVSD eSCO S4 setting	[2] 5.7.3, [5] 6.7.3	M	☑	
3/27	Reserved Fields and RFU Bits	[5] 1.4.2	C.12	☑	C.12: Excluded IF HFP 0b/3 "Hands-Free Profile 1.7" OR HFP 0b/4 "Hands-Free Profile 1.8", otherwise Mandatory.

Table 4: Requirements towards the Link Control Procedures of the Serial Port Profile (AG and HF)

Item	Capability	Reference	Support	Status	Comment
4/1	CVSD audio coding over SCO	[1] 2.3	M	☑	

4/3	CVSD audio coding over eSCO (Initiating)	[1] 5.7.3, [5] 6.7.3	M	☑
4/4	CVSD audio coding over eSCO (Accepting)	[1] 5.7.3, [5] 6.7.3	M	☑

Table 5a: RFCOMM Requirements (AG and HF)

Item	Capability	Reference	Support	Status	Comment
5a/1	Initialize RFCOMM Session	[2] 5, [5] 6.1	M	☑	
5a/2	Respond to Initialization of an RFCOMM Session	[2] 5, [5] 6.1	M	☑	

Table 6: GAP Requirements (AG)

Prerequisite: HFP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 7: Requirements towards the Generic Access Profile (HF)

Prerequisite: HFP 1/2 "Hands-Free (HF)"

Item	Capability	Reference	Support	Status	Comment
7/1	General discoverable mode	[1] 6.1, [5] 7.1	M	☑	

Table 7b: BB and L2CAP Requirements

Item	Capability	Reference	Support	Status	Comment
7b/1	2-EV3 packet type	[1] 3	M	☑	
7b/3	Data Channel Initiator	[2] 5.2, [5] 6.2	M	☑	
7b/4	Data Channel Acceptor	[2] 5.2, [5] 6.2	M	☑	

Table 7c: LC3 Requirements

Prerequisite: HFP 2/29 "Super Wide Band Speech" OR HFP 3/28 "Super Wide Band Speech"

Item	Capability	Reference	Support	Status	Comment
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Table 8: Additional Hands-Free Capabilities

Item	Capability	Reference	Support	Status	Comment
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Human Interface Device Profile

Table 0: Major Versions (X.Y)

Item	Capability	Reference	Support	Status	Comment
0/1	HID v1.0	[1]	M	☑	

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Device	[1] 3.3, 6	C.1	☑	C.1: Mandatory to support at least one of HID 1/1 "Host, Report protocol" OR HID 1/2 "Device" OR HID 1/3 "Host, Boot protocol".

Table 2: Application Procedures

Prerequisite: HID 1/1 "Host, Report protocol" OR HID 1/3 "Host, Boot protocol"

Item	Capability	Reference	Support	Status	Comment
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Table 3: Device to Host Transfers

Prerequisite: HID 1/1 "Host, Report protocol" OR HID 1/3 "Host, Boot protocol"

Item	Capability	Reference	Support	Status	Comment
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Table 4: Host to Device Transfers

Prerequisite: HID 1/1 "Host, Report protocol" OR HID 1/3 "Host, Boot protocol"

Item	Capability	Reference	Support	Status	Comment
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Table 5: HID Control Commands

Prerequisite: HID 1/1 "Host, Report protocol" OR HID 1/3 "Host, Boot protocol"

Item	Capability	Reference	Support	Status	Comment
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Table 6: LMP Requirements

Prerequisite: HID 1/1 "Host, Report protocol" OR HID 1/3 "Host, Boot protocol"

Item	Capability	Reference	Support	Status	Comment
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Table 8: HID Device Types

Prerequisite: HID 1/2 "Device"

Item	Capability	Reference	Support	Status	Comment
8/2	Keyboard HID	[1] 6	C.1	☒	C.1: Mandatory to support at least one of HID 8/1 "Pointing HID" OR HID 8/2 "Keyboard HID" OR HID 8/3 "Identification HID" OR HID 8/4 "Other HID" IF HID 1/2 "Device", otherwise Excluded.

Table 9: Application Procedures

Prerequisite: HID 1/2 "Device"

Item	Capability	Reference	Support	Status	Comment
9/1	Establish HID connection	[1] 7.1.1	O	☒	
9/2	Accept HID connection	[1] 7.1.1	M	☒	
9/3	Terminate HID connection	[1] 7.1.1	O	☒	
9/4	Accept Termination of HID connection	[1] 7.1.1	M	☒	
9/8	Host data transfer to HID	[1] 7.1.4	C.2	☒	C.2: Mandatory to support at least one of HID 9/8 "Host data transfer to HID" OR HID 9/9 "HID data transfer to Host" IF HID 1/2 "Device", otherwise Excluded.
9/9	HID data transfer to Host	[1] 7.1.3	C.2	☒	C.2: Mandatory to support at least one of HID 9/8 "Host data transfer to HID" OR HID 9/9 "HID data transfer to Host" IF HID 1/2 "Device", otherwise Excluded.
9/10	HID Boot mode data transfer to Host	[1] 7.2.1	C.3	☒	C.3: Mandatory IF HID 8/1 "Pointing HID" OR HID 8/2 "Keyboard HID", otherwise Excluded.
9/11	Host Boot mode data transfer to HID	[1] 7.2.1	C.4	☒	C.4: Mandatory IF HID 8/2 "Keyboard HID", otherwise Excluded.
9/12	Output reports declared	[1] 7.4.4	C.4	☒	C.4: Mandatory IF HID 8/2 "Keyboard HID", otherwise Excluded.
9/13	Input reports declared	[1] 7.4.3	C.3	☒	C.3: Mandatory IF HID 8/1 "Pointing HID" OR HID 8/2 "Keyboard HID", otherwise Excluded.

Table 10: Device to Host Transfers

Prerequisite: HID 9/13 "Input reports declared" OR HID 9/14 "Feature reports declared"

Item	Capability	Reference	Support	Status	Comment
10/4	Boot mode reports to host	[1] 7.2.1	C.1	☒	C.1: Mandatory IF HID 8/1 "Pointing HID" OR HID 8/2 "Keyboard HID", otherwise Optional IF HID 8/3 "Identification HID" OR HID 8/4 "Other HID", otherwise Excluded.

Table 11: Host to Device Transfers

Prerequisite: HID 9/12 "Output reports declared" OR HID 9/14 "Feature reports declared"

Item	Capability	Reference	Support	Status	Comment
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11/4	Boot mode reports to device	[1] 7.2.1	C.1	☑	C.1: Mandatory IF HID 8/2 "Keyboard HID", otherwise Optional IF HID 8/1 "Pointing HID" OR HID 8/3 "Identification HID" OR HID 8/4 "Other HID", otherwise Excluded.
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Table 12: HID Control Commands

Prerequisite: HID 1/2 "Device"

Item	Capability	Reference	Support	Status	Comment
12/1	Set_Protocol command	[1] 7.4.6	C.1, C.5	☑	C.1: Mandatory IF HID 8/1 "Pointing HID" OR HID 8/2 "Keyboard HID", otherwise Optional IF HID 8/3 "Identification HID" OR HID 8/4 "Other HID", otherwise Excluded. C.5: Mandatory to support none or all of HID 12/1 "Set_Protocol command" OR HID 12/2 "Get_Protocol command".
12/2	Get_Protocol command	[1] 7.4.5	C.1, C.5	☑	C.1: Mandatory IF HID 8/1 "Pointing HID" OR HID 8/2 "Keyboard HID", otherwise Optional IF HID 8/3 "Identification HID" OR HID 8/4 "Other HID", otherwise Excluded. C.5: Mandatory to support none or all of HID 12/1 "Set_Protocol command" OR HID 12/2 "Get_Protocol command".
12/3	Set_Idle command	[1] 7.4.8	C.2	☑	C.2: Mandatory IF HID 8/2 "Keyboard HID", otherwise Optional IF HID 8/1 "Pointing HID" OR HID 8/3 "Identification HID" OR HID 8/4 "Other HID", otherwise Excluded.
12/4	Get_Idle command	[1] 7.4.7	C.2	☑	C.2: Mandatory IF HID 8/2 "Keyboard HID", otherwise Optional IF HID 8/1 "Pointing HID" OR HID 8/3 "Identification HID" OR HID 8/4 "Other HID", otherwise Excluded.
12/5	Set_Report command	[1] 7.4.4	C.3	☑	C.3: Mandatory IF HID 9/12 "Output reports declared" OR HID 9/14 "Feature reports declared", otherwise Excluded.
12/6	Get_Report command	[1] 7.4.3	C.4	☑	C.4: Mandatory IF HID 9/13 "Input reports declared" OR HID 9/14 "Feature reports declared", otherwise Excluded.

Table 13: LMP Requirements

Prerequisite: HID 1/2 "Device"

Item	Capability	Reference	Support	Status	Comment
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Table 15: SDP Requirements

Prerequisite: HID 1/2 "Device"

Item	Capability	Reference	Support	Status	Comment
15/1	Server	[1] 7.13	M	☑	
15/2	LanguageBaseAttributeldList	[1] 7.13	M	☑	
15/3	ServiceClassIDList	[1] 7.11	M	☑	
15/4	ProtocolDescriptorList	[1] 7.11	M	☑	
15/5	BluetoothProfileDescriptorList	[1] 7.11	M	☑	
15/6	AdditionalProtocolDescriptorList	[1] 7.11	M	☑	

Headset Profile

Table 0: Major Versions (X.Y)

Item	Capability	Reference	Support	Status	Comment
0/2	HSP v1.2	[2]	C.1	☑	C.1: Mandatory to support one and only one of HSP 0/1 "HSP v1.1" OR HSP 0/2 "HSP v1.2".

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Headset (HS)	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one of HSP 1/1 "Audio Gateway (AG)" OR HSP 1/2 "Headset (HS)".

Table 2: Application Features (AG)

Prerequisite: HSP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 2a: GAP Requirements

Prerequisite: HSP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 2b: SDP Requirements

Prerequisite: HSP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 2c: RFCOMM Requirements

Prerequisite: HSP 1/1 "Audio Gateway (AG)"

Item	Capability	Reference	Support	Status	Comment
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Table 3: Application Features (HS)

Prerequisite: HSP 1/2 "Headset (HS)"

Item	Capability	Reference	Support	Status	Comment
3/1	Incoming audio connection establishment	[1] 4.2	M	☑	
3/2	Ring (AT command)	[1] 4.2	M	☑	
3/3	Inband ring tone	[1] 4.2	M	☑	
3/4	Outgoing audio connection establishment	[1] 4.3	M	☑	
3/5	Audio connection release from HS	[1] 4.4, [2] 4.5	M	☑	
3/6	Audio connection release from AG	[1] 4.4, [2] 4.5	M	☑	
3/7	Audio connection transfer: AG to HS	[1] 4.5.1, [2] 4.6.1	M	☑	
3/8	Audio connection transfer: HS to AG	[1] 4.5.2, [2] 4.6.2	M	☑	
3/9	Remote audio volume control	[1] 4.6, [2] 4.7	C.1	☑	C.1: Mandatory IF HSP 3/10 "HS informs AG about local changes of audio volume", otherwise Optional.
3/10	HS informs AG about local changes of audio volume	[1] 4.6, [2] 4.7	O	☑	
3/11	Audio volume setting storage by HS	[1] 4.6, [2] 4.7	O	☑	
3/12	Remote microphone gain control	[1] 4.6, [2] 4.7	C.2	☑	C.2: Mandatory IF HSP 3/13 "HS informs AG about local changes of microphone gain", otherwise Optional.
3/13	HS informs AG about local changes of microphone gain	[1] 4.6, [2] 4.7	O	☑	
3/14	Microphone gain setting storage by HS	[1] 4.6, [2] 4.7	O	☑	
3/15	Connection Handling with Detach/Page	[1] 4.8.1, [2] 4.9.1	M	☑	

Table 3a: GAP Requirements

Prerequisite: HSP 1/2 "Headset (HS)"

Item	Capability	Reference	Support	Status	Comment
3a/1	Non-discoverable mode	[1] 6.1	M	☑	
3a/2	General discoverable mode	[1] 6.1	M	☑	

Table 3b: SDP Requirements

Prerequisite: HSP 1/2 "Headset (HS)"

Item	Capability	Reference	Support	Status	Comment
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3b/1	ProtocolDescriptorList	[1] 5.3	M	☑
3b/2	BluetoothProfileDescriptorList	[1] 5.3	M	☑

Table 3c: RFCOMM Requirements

Prerequisite: HSP 1/2 "Headset (HS)"

Item	Capability	Reference	Support	Status	Comment
3c/1	RFCOMM with TS 07.10	[1] 2.1	M	☑	

Table 4: Errata Service Releases (ESR)

Item	Capability	Reference	Support	Status	Comment
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Isochronous Adaptation Layer

Table 1: Supported Features

Item	Capability	Reference	Support	Status	Comment
1/1	Segmentable Framed Data Traffic	[1] 2.2	M	☑	
1/2	Unframed Data Traffic	[1] 2.1	M	☑	
1/3	Connected Isochronous Stream Adaptation	[1] 2	C.1	☑	C.1: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
1/4	Broadcast Isochronous Stream Adaptation	[1] 2	C.2	☑	C.2: Mandatory IF LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
1/5	Synchronized Receiver Adaptation	[1] 2	C.3	☑	C.3: Mandatory IF LL 9/34 "Synchronized Receiver", otherwise Excluded.

Interoperability Test Suite

Logical Link Control and Adaptation Protocol

Table 0: L2CAP Transport Configuration

Item	Capability	Reference	Support	Status	Comment
0/3	BR/EDR/LE	[6] 1.1	C.3, C.4	☑	C.3: Mandatory IF CORE 41/3 "BR/EDR/LE Core Configuration", otherwise Optional. C.4: Mandatory to support one and only one.

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Data Channel Initiator	[1] 2	C.3	☑	C.3: Optional IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
1/2	Data Channel Acceptor	[1] 2	C.1	☑	C.1: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
1/4	LE Peripheral	[4] 2	C.2	☑	C.2: Mandatory to support at least one IF L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.

Table 2: General Operation

Item	Capability	Reference	Support	Status	Comment
2/1	L2CAP Signaling channel over BR/EDR	[1] 2.2	C.16	☑	C.16: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.

2/2	Configuration process	[1] 7.1	C.16	☑	C.16: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
2/3	Connection-oriented data channel over BR/EDR	[1] 2.2	C.16	☑	C.16: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
2/5	Send echo response	[1] 4.9	C.16	☑	C.16: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
2/7	Send information response	[1] 4.11	C.16	☑	C.16: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
2/40	L2CAP LE Signaling channel	[4] 2.1, 2.2	C.13	☑	C.13: Mandatory IF L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
2/41	Command reject	[4] 4.10	C.29	☑	C.29: Mandatory IF L2CAP 2/1 "L2CAP Signaling channel over BR/EDR" OR L2CAP 2/40 "L2CAP LE Signaling channel", otherwise Excluded
2/45	Send Disconnect Request Command	[1] 4.6	C.21	☑	C.21: Optional IF L2CAP 2/1 "L2CAP Signaling channel over BR/EDR", otherwise Excluded.

Table 3: Configurable Parameters

Item	Capability	Reference	Support	Status	Comment
3/1	RTX timer	[1] 6.2.1	M	☑	
3/2	ERTX timer	[1] 6.2.2	C.4	☑	C.4: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
3/3	Minimum MTU size of 48 octets	[1] 5.1	C.4	☑	C.4: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
3/4	MTU size larger than 48 octets	[1] 5.1	C.5	☑	C.5: Optional IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
3/5	Flush timeout value for reliable channel	[1] 5.2	C.4	☑	C.4: Mandatory IF L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.
3/12	Minimum MTU size of 23 octets	[4] 5.1	C.6	☑	C.6: Mandatory IF L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE", otherwise Excluded.

Table 4: Security Aspects (LE)

Prerequisite: L2CAP 0/2 "LE" OR L2CAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
4/1	Detect insufficient authentication	[1] 10.1, 10.2	O	☑	
4/2	Detect insufficient authorization	[1] 10.1, 10.2	O	☑	
4/3	Detect insufficient encryption	[1] 10.1, 10.2	O	☑	

Table 5: Security Aspects (BR/EDR)

Prerequisite: L2CAP 0/1 "BR/EDR" OR L2CAP 0/3 "BR/EDR/LE"

Item	Capability	Reference	Support	Status	Comment
5/1	Detect insufficient authentication	[1] 10.1, 10.2	O	☑	

Low Complexity Communication Codec

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	LC3 v1.0	[1]	M	☑	

Table 1: X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
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1/1	LC3 v1.0.1	[2]	O	☑
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Table 2: Role Requirements

Item	Capability	Reference	Support	Status	Comment
2/1	LC3 Encoder	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one.
2/2	LC3 Decoder	[1] 2.4	C.1	☑	C.1: Mandatory to support at least one.
2/3	LC3 Encoder-Decoder	[1] 2.2, 2.4	C.2	☑	C.2: Optional IF LC3 2/1 "LC3 Encoder" AND LC3 2/2 "LC3 Decoder", otherwise Excluded.

Table 3: Encoder Features

Prerequisite: LC3 2/1 "LC3 Encoder"

Item	Capability	Reference	Support	Status	Comment
3/1	Narrow Band (8 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one of the encoder features.
3/2	Wideband (16 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one of the encoder features.
3/3	Semi-Superwideband (24 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one of the encoder features.
3/4	Superwideband (32 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one of the encoder features.
3/5	Full Band (44.1 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one of the encoder features.
3/6	Full Band (48 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one of the encoder features.

Table 4: Frame Interval

Prerequisite: LC3 2/1 "LC3 Encoder"

Item	Capability	Reference	Support	Status	Comment
4/1	7.5 ms	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
4/2	10 ms	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 5: Decoder Features

Prerequisite: LC3 2/2 "LC3 Decoder"

Item	Capability	Reference	Support	Status	Comment
5/1	Narrow Band (8 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
5/2	Wideband (16 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
5/3	Semi-Superwideband (24 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
5/4	Superwideband (32 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
5/5	Full Band (44.1 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
5/6	Full Band (48 kHz)	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 6: Frame Interval

Prerequisite: LC3 2/2 "LC3 Decoder"

Item	Capability	Reference	Support	Status	Comment
6/1	7.5 ms	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
6/2	10 ms	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

LE LL Security

Table 1: LE Security

Item	Capability	Reference	Support	Status	Comment
1/1	Counter with Cipher Block Chaining-Message Authentication Code (CCM) Mode	[1] 2	O	☑	

1/2	Group Session Key Derivation h8	[1] 1.1	O	☑
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Table 2: LL Requirements

Item	Capability	Reference	Support	Status	Comment
2/1	LE Encryption	[1] 2	C.1	☑	C.1: Mandatory IF LESEC 1/1 "Counter with Cipher Block Chaining-Message Authentication Code (CCM) Mode" OR LESEC 1/2 "Group Session Key Derivation h8", otherwise not defined.
2/2	Receiving Encrypted Broadcast Isochronous Stream	[1] 1.1	C.2	☑	C.2: Mandatory to support at least one IF LESEC 1/2 "Group Session Key Derivation h8", otherwise not defined.
2/3	Transmitting Encrypted Broadcast Isochronous Stream	[1] 1.1	C.2	☑	C.2: Mandatory to support at least one IF LESEC 1/2 "Group Session Key Derivation h8", otherwise not defined.

Link Layer

Table 1: Controller States/Roles

Item	Capability	Reference	Support	Status	Comment
1/1	Advertising State	[1] 4.4.2	C.1	☑	C.1: Mandatory to support at least one.
1/2	Scanning State	[1] 4.4.3	C.1	☑	C.1: Mandatory to support at least one.
1/3	Initiating State	[1] 4.4.4	C.1	☑	C.1: Mandatory to support at least one.
1/3a	Synchronized State	[6] 4.4.5	C.4	☑	C.4: Mandatory IF CORE 1a/51 "Controller Core v5.1 or later" AND (LL 9/27 "Periodic Advertising Sync Transfer - Recipient" OR LL 4/8 "Scanning for Periodic Advertising" OR LL 9/34 "Synchronized Receiver"), otherwise Excluded.
1/4	Peripheral Role	[1] 4.5.5	C.3	☑	C.3: Optional IF LL 1/1 "Advertising State", otherwise Excluded.
1/5	Central Role	[1] 4.5.4	C.2	☑	C.2: Mandatory IF LL 1/3 "Initiating State", otherwise Excluded.
1/6	Isochronous Broadcasting State	[7] 4.4.6	C.5	☑	C.5: Mandatory IF LL 9/33 "Isochronous Broadcaster", otherwise Excluded.

Table 2: Device Address Types

Item	Capability	Reference	Support	Status	Comment
2/1	Public Address	[1] 1.3	C.1	☑	C.1: Mandatory to support at least one.
2/2	Random Address	[1] 1.3	C.1	☑	C.1: Mandatory to support at least one.
2/3	Static Address	[3] 1.3.2.1	C.3	☑	C.3: Mandatory to support at least one IF LL 2/2 "Random Address", otherwise Excluded.
2/4	Generation of private addresses	[3] 1.3.2.2	C.3	☑	C.3: Mandatory to support at least one IF LL 2/2 "Random Address", otherwise Excluded.
2/5	Resolution of private addresses	[3] 1.3.2.3	C.2	☑	C.2: Mandatory IF LL 2/4 "Generation of private addresses", otherwise Excluded.
2/6	Network Privacy Mode: Ignore Identity Address when IRK is present in resolving list	[3] 4.7	C.4	☑	C.4: Mandatory IF LL 9/13 "LL Privacy", otherwise Excluded.
2/7	Device Privacy Mode	[3] 4.7	C.5	☑	C.5: Mandatory IF CORE 1a/50 "Controller Core v5.0 or later" AND LL 9/13 "LL Privacy", otherwise Optional IF LL 9/13 "LL Privacy", otherwise Excluded.

Table 3: Protocol Advertising Features

Prerequisite: LL 1/1 "Advertising State"

Item	Capability	Reference	Support	Status	Comment
3/1	Non-connectable and non-scannable undirected events	[1] 4.4.2.6, [12] 4.4.2.13	C.1	☑	C.1: Mandatory IF LL 3/10 "Periodic Advertising" OR NOT LL 1/4 "Peripheral Role", otherwise Optional.
3/1a	Non-connectable and non-scannable directed events	[6] 4.4.2.9, [12] 4.4.2.13	C.16	☑	C.16: Mandatory IF LL 3/1 "Non-connectable and non-scannable undirected events" AND LL 3/9 "Extended Advertising", otherwise Excluded.
3/2	Connectable and scannable undirected events	[1] 4.4.2.3, [12] 4.4.2.13	C.3	☑	C.3: Mandatory IF LL 1/4 "Peripheral Role", otherwise Excluded.
3/3	Advertising data	[1] 4.4.2.3, 4.4.2.5, 4.4.2.6	M	☑	
3/4	Connectable directed events	[1] 4.4.2.4, [12] 4.4.2.13	C.3	☑	C.3: Mandatory IF LL 1/4 "Peripheral Role", otherwise Excluded.
3/4a	Low Duty Cycle Direct Advertising	[1] 4.4.2.4	O	☑	
3/4b	Connectable undirected events	[6] 4.4.2.7, [12] 4.4.2.13	C.17	☑	C.17: Mandatory IF LL 3/4 "Connectable directed events" AND LL 3/9 "Extended Advertising", otherwise Excluded.
3/5	Scannable undirected events	[1] 4.4.2.5, [12] 4.4.2.13	O	☑	
3/5a	Scannable directed events	[6] 4.4.2.8, [12] 4.4.2.13	C.18	☑	C.18: Mandatory IF LL 3/5 "Scannable undirected events" AND LL 3/9 "Extended Advertising", otherwise Excluded.
3/6	Sending scan responses	[1] 4.4.2.3, 4.4.2.5	C.2	☑	C.2: Mandatory IF LL 1/4 "Peripheral Role", otherwise Optional.
3/7	Accepting connection requests	[1] 4.4.2.3, 4.4.2.4	C.3	☑	C.3: Mandatory IF LL 1/4 "Peripheral Role", otherwise Excluded.
3/8	Filtering policies	[1] 4.3.2	O	☑	
3/9	Extended Advertising	[4] 4.6.12	C.6	☑	C.6: Mandatory IF LL 9/41 "LE Extended Advertising", otherwise Excluded.
3/10	Periodic Advertising	[4] 4.4.2.12	C.12	☑	C.12: Mandatory IF LL 9/42 "LE Periodic Advertising", otherwise Excluded.
3/11	Multiple Advertising Sets	[4] 4.4.2.10	C.7	☑	C.7: Optional IF LL 3/9 "Extended Advertising", otherwise Excluded.
3/12	Sending Tx Power in advertisements	[4] 2.3.4.7	C.7	☑	C.7: Optional IF LL 3/9 "Extended Advertising", otherwise Excluded.
3/12a	Sending Channel Map Update Indication in ACAD	[9] 1.20	C.11	☑	C.11: Optional IF LL 3/10 "Periodic Advertising", otherwise Excluded.

Table 4: Protocol Scanning Features

Prerequisite: LL 1/2 "Scanning State"

Item	Capability	Reference	Support	Status	Comment
4/1	Passive Scanning	[1] 4.4.3.1	C.1	☑	C.1: Mandatory to support at least one.
4/2	Receiving Advertising Data	[1] 4.4.3.1, 4.4.3.2	M	☑	
4/3	Active Scanning	[1] 4.4.3.2	C.1	☑	C.1: Mandatory to support at least one.
4/4	Backoff Procedure	[1] 4.4.3.2	C.2	☑	C.2: Mandatory IF LL 4/3 "Active Scanning", otherwise Excluded.
4/5	Filtering Policies	[1] 4.3.3	M	☑	
4/6	Extended Scanner filter policies	[3] 4.4.3	O	☑	
4/6a	Periodic Sync Establishment Filtering Policies	[4] 4.6.13	C.6	☑	C.6: Mandatory IF LL 4/8 "Scanning for Periodic Advertising", otherwise Excluded.
4/7	Extended Scanning	[4] 4.6.12	C.4	☑	C.4: Mandatory IF LL 9/41 "LE Extended Advertising", otherwise Excluded.

4/8	Scanning for Periodic Advertising	[4] 4.4.3.4	C.5	☑	C.5: Mandatory IF LL 9/42 "LE Periodic Advertising", otherwise Excluded.
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Table 4a: Protocol Scanning Events

Prerequisite: LL 1/2 "Scanning State"

Item	Capability	Reference	Support	Status	Comment
4a/1	Non-connectable and non-scannable undirected events	[1] 4.4.2.6, [12] 4.4.3.7	C.1	☑	C.1: Mandatory IF LL 4/8 "Scanning for Periodic Advertising" OR NOT (LL 1/5 "Central Role" OR LL 4/3 "Active Scanning"), otherwise Optional.
4a/2	Non-connectable and non-scannable directed events	[6] 4.4.2.9, [12] 4.4.3.7	C.2	☑	C.2: Mandatory IF LL 4/7 "Extended Scanning" AND LL 4a/1 "Non-connectable and non-scannable undirected events", otherwise Excluded.
4a/3	Scannable undirected events	[1] 4.4.2.5, [12] 4.4.3.7	C.3	☑	C.3: Mandatory IF LL 4/3 "Active Scanning", otherwise Optional.
4a/4	Scannable directed events	[6] 4.4.2.8, [12] 4.4.3.7	C.4	☑	C.4: Mandatory IF LL 4/7 "Extended Scanning" AND LL 4a/3 "Scannable undirected events", otherwise Excluded.
4a/5	Connectable directed events	[1] 4.4.2.4, [12] 4.4.3.7	C.5	☑	C.5: Mandatory IF LL 1/5 "Central Role", otherwise Optional.
4a/6	Connectable undirected events	[6] 4.4.2.7, [12] 4.4.3.7	C.6	☑	C.6: Mandatory IF LL 4/7 "Extended Scanning" AND LL 4a/5 "Connectable directed events", otherwise Excluded.
4a/7	Connectable and scannable undirected events	[1] 4.4.2.3, [12] 4.4.3.7	C.7	☑	C.7: Mandatory IF LL 1/5 "Central Role" OR LL 4/3 "Active Scanning", otherwise Optional.

Table 5: Protocol Initiating Features

Prerequisite: LL 1/3 "Initiating State"

Item	Capability	Reference	Support	Status	Comment
5/1	Requesting Connections	[1] 4.4.4	M	☑	
5/2	Requesting to Directed Advertising	[1] 4.4.4	M	☑	
5/3	Initiator Filtering	[1] 4.3.4	M	☑	
5/4	Requesting connections using extended advertising	[4] 4.6.12	C.1	☑	C.1: Mandatory IF LL 9/41 "LE Extended Advertising", otherwise Excluded.

Table 6: Protocol Peripheral Role Features

Prerequisite: LL 1/4 "Peripheral Role"

Item	Capability	Reference	Support	Status	Comment
6/1	Peripheral Transmissions	[1] 4.5.1, 4.5.5, 4.5.6	M	☑	
6/2	Acknowledgement Scheme	[1] 4.5.9	M	☑	
6/3	Unknown Response	[1] 5.1.4, 2.4.2	M	☑	
6/4	Responding in Feature Setup	[1] 5.1.4.1	M	☑	
6/4a	Requesting Feature Setup	[1] 5.1.4.2	C.18	☑	C.18: Mandatory IF LL 9/5 "Peripheral-initiated Features Exchange" OR LL 9/55 "LL Extended Feature Set", otherwise Excluded.
6/5	Sending Data (Device supports data output from a Host)	[1] 4.5.1, 4.5.6	M	☑	
6/6	Receiving Data (Device supports data input to a Host)	[1] 4.5.1, 4.5.6	M	☑	
6/7	More Data	[1] 4.5.6	O	☑	
6/10	Accepting Parameter Update	[1] 5.1.1	M	☑	
6/10a	Initiating Connection Parameter Request	[1] 5.1	C.2	☑	C.2: Mandatory IF LL 9/3 "Connection Parameters Request procedure", otherwise Excluded.

6/10b	Accepting Connection Parameter Request	[1] 5.1	C.2	☑	C.2: Mandatory IF LL 9/3 "Connection Parameters Request procedure", otherwise Excluded.
6/11	Accepting Channel Map Update	[1] 5.1.2	M	☑	
6/12	Encryption Start	[1] 5.1.3	C.17	☑	C.17: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
6/13	Connection Control Timer	[1] 5.2	M	☑	
6/14	Sending Termination	[1] 5.1.6	M	☑	
6/15	Accepting Termination	[1] 5.1.6	M	☑	
6/16	Connection Supervision Timer	[1] 4.5.2	M	☑	
6/18	Peripheral Pause Encryption	[1] 5.1.3	C.17	☑	C.17: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
6/19	Peripheral Version Exchange	[1] 5.1.5	M	☑	
6/20	Peripheral listens to multiple packets per connection event	[1] 4.5.7	O	☑	
6/21	LE Authenticated Payload Timeout	[2] 5.4	C.5	☑	C.5: Mandatory IF LL 9/2 "LE Ping", otherwise Excluded.
6/22	Data Length Update Procedure	[3] 5.1.9	C.4	☑	C.4: Mandatory IF LL 9/6 "LE Data Packet Length Extension", otherwise Excluded.
6/23	Minimum Number Of Used Channels Procedure	[4] 4.6.15	C.6	☑	C.6: Mandatory IF LL 9/12 "Minimum Number of Used Channels procedure", otherwise Excluded.
6/23a	PHY Update procedure	[4] 5.1.10	C.9	☑	C.9: Mandatory IF CORE 1a/50 "Controller Core v5.0 or later" AND LL 9/6a "Multiple PHYs", otherwise Optional IF CORE 1a/50 "Controller Core v5.0 or later", otherwise Excluded.
6/26	Initiating Periodic Advertising Sync Transfer Procedure for Local Periodic Advertising	[6] 5.1.13	C.10	☑	C.10: Mandatory IF LL 9/28 "Initiating Periodic Advertising Sync Transfer for Local Periodic Advertising", otherwise Excluded.
6/27	Initiating Periodic Advertising Sync Transfer Procedure for Remote Periodic Advertising	[6] 5.1.13	C.11	☑	C.11: Mandatory IF LL 9/29 "Initiating Periodic Advertising Sync Transfer for Remote Periodic Advertising", otherwise Excluded.
6/28	Accepting Periodic Advertising Sync Transfer Procedure	[6] 5.1.13	C.12	☑	C.12: Mandatory IF LL 9/27 "Periodic Advertising Sync Transfer - Recipient", otherwise Excluded.
6/29	Sending Long Control PDUs	[6] 4.5.11	C.13	☑	C.13: Mandatory IF LL 6/26 "Initiating Periodic Advertising Sync Transfer Procedure for Local Periodic Advertising" OR LL 6/27 "Initiating Periodic Advertising Sync Transfer Procedure for Remote Periodic Advertising", otherwise Excluded.
6/30	Receiving Long Control PDUs	[6] 4.5.11	C.14	☑	C.14: Mandatory IF LL 6/28 "Accepting Periodic Advertising Sync Transfer Procedure" OR LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
6/31	Can Change Sleep Clock Accuracy	[6] 4.6.25	C.15	☑	C.15: Mandatory IF LL 9/40 "Can Change Sleep Clock Accuracy", otherwise Excluded.
6/32	Bi-Directional Data in Single Connected Isochronous Stream	[7] 4.5.14	C.16	☑	C.16: Mandatory IF LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
6/33	Bi-Directional Data in Multiple Connected Isochronous Streams	[7] 4.5.14	C.20	☑	C.20: Optional IF LL 9/32 "Connected Isochronous Stream - Peripheral", otherwise Excluded.
6/34	Channel Classification Reporting	[1] 4.5.8.1	C.19	☑	C.19: Mandatory IF LL 9/44 "Channel Classification", otherwise Excluded.

Table 7: Protocol Central Role Features

Prerequisite: LL 1/5 "Central Role"

Item	Capability	Reference	Support	Status	Comment
7/1	Central Transmissions	[1] 4.5.1, 4.5.4, 4.5.6	M	☑	
7/2	Acknowledgement Scheme	[1] 4.5.9	M	☑	

7/3	Unknown Responses	[1] 5.1.4, 2.4.2	M	☑	
7/4	Requesting Feature Setup	[1] 5.1.4.1	M	☑	
7/4a	Responding in Feature Setup	[1] 5.1.4.2	C.18	☑	C.18: Mandatory IF LL 9/5 "Peripheral-initiated Features Exchange" OR LL 9/55 "LL Extended Feature Set", otherwise Excluded.
7/5	Sending Data (Device supports data output from a Host)	[1] 4.5.1, 4.5.6	M	☑	
7/6	Receiving Data (Device supports data input to a Host)	[1] 4.5.1, 4.5.6	M	☑	
7/7	More Data	[1] 4.5.6	O	☑	
7/10	Requesting Parameter Update	[1] 5.1.1	M	☑	
7/10a	Initiating Connection Parameter Request	[1] 5.1	C.2	☑	C.2: Mandatory IF LL 9/3 "Connection Parameters Request procedure", otherwise Excluded.
7/10b	Accepting Connection Parameter Request	[1] 5.1	C.2	☑	C.2: Mandatory IF LL 9/3 "Connection Parameters Request procedure", otherwise Excluded.
7/11	Requesting Channel Map Update	[1] 5.1.2	M	☑	
7/12	Encryption Start	[1] 5.1.3	C.17	☑	C.17: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
7/13	Connection Control Timer	[1] 5.2	M	☑	
7/14	Sending Termination	[1] 5.1.6	M	☑	
7/15	Accepting Termination	[1] 5.1.6	M	☑	
7/16	Connection Supervision Timer	[1] 4.5.2	M	☑	
7/19	Central Pause Encryption	[1] 5.1.3	C.17	☑	C.17: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
7/20	Central Version Exchange	[1] 5.1.5	M	☑	
7/21	LE Authenticated Payload Timeout	[2] 5.4	C.5	☑	C.5: Mandatory IF LL 9/2 "LE Ping", otherwise Excluded.
7/22	Data Length Update Procedure	[3] 5.1.9	C.4	☑	C.4: Mandatory IF LL 9/6 "LE Data Packet Length Extension", otherwise Excluded.
7/23	Minimum Number Of Used Channels Procedure	[4] 4.6.15	C.6	☑	C.6: Mandatory IF LL 9/12 "Minimum Number of Used Channels procedure", otherwise Excluded.
7/23a	PHY Update procedure	[4] 5.1.10	C.9	☑	C.9: Mandatory IF CORE 1a/50 "Controller Core v5.0 or later" AND LL 9/6a "Multiple PHYs", otherwise Optional IF CORE 1a/50 "Controller Core v5.0 or later", otherwise Excluded.
7/26	Initiating Periodic Advertising Sync Transfer Procedure for Local Periodic Advertising	[6] 5.1.13	C.10	☑	C.10: Mandatory IF LL 9/28 "Initiating Periodic Advertising Sync Transfer for Local Periodic Advertising", otherwise Excluded.
7/27	Initiating Periodic Advertising Sync Transfer Procedure for Remote Periodic Advertising	[6] 5.1.13	C.11	☑	C.11: Mandatory IF LL 9/29 "Initiating Periodic Advertising Sync Transfer for Remote Periodic Advertising", otherwise Excluded.
7/28	Accepting Periodic Advertising Sync Transfer Procedure	[6] 5.1.13	C.12	☑	C.12: Mandatory IF LL 9/27 "Periodic Advertising Sync Transfer - Recipient", otherwise Excluded.
7/29	Sending Long Control PDUs	[6] 4.5.11	C.13	☑	C.13: Mandatory IF (LL 7/26 "Initiating Periodic Advertising Sync Transfer Procedure for Local Periodic Advertising" OR LL 7/27 "Initiating Periodic Advertising Sync Transfer Procedure for Remote Periodic Advertising" OR LL 9/31 "Connected Isochronous Stream - Central"), otherwise Excluded.

7/30	Receiving Long Control PDUs	[6] 4.5.11	C.14	☑	C.14: Mandatory IF LL 7/28 "Accepting Periodic Advertising Sync Transfer Procedure", otherwise Excluded.
7/31	Can Change Sleep Clock Accuracy	[6] 4.6.25	C.15	☑	C.15: Mandatory IF LL 9/40 "Can Change Sleep Clock Accuracy", otherwise Excluded.
7/32	CIG with multiple CISes: Sequential	[7] 4.5.14	C.16	☑	C.16: Mandatory IF LL 7/32a "More than one CIS in a CIG", otherwise Excluded.
7/32a	More than one CIS in a CIG	[7] 4.5.14	C.20	☑	C.20: Optional IF LL 9/31 "Connected Isochronous Stream - Central", otherwise Excluded.
7/33	CIG with multiple CISes: Interleaved	[7] 4.5.14	C.16	☑	C.16: Mandatory IF LL 7/32a "More than one CIS in a CIG", otherwise Excluded.
7/34	Channel Classification Enable	[1] 4.5.8.1	C.19	☑	C.19: Mandatory IF LL 9/44 "Channel Classification", otherwise Excluded.

Table 8: Physical Channels

Item	Capability	Reference	Support	Status	Comment
8/1	General-purpose channels	[1] 1.4.1	C.1	☑	C.1: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role" OR LL 1/6 "Isochronous Broadcasting State" OR LL 3/9 "Extended Advertising", otherwise Excluded.
8/2	Primary Advertising channels	[1] 1.4.1	M	☑	
8/3	Support Data channel selection algorithm	[1] 4.5.8	C.2	☑	C.2: Mandatory IF LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role" OR LL 9/10 "Channel Selection Algorithm #2", otherwise Excluded.

Table 9: Supported Features

Item	Capability	Reference	Support	Status	Comment
9/1	LE Encryption	[1] 4.6.1	O	☑	
9/2	LE Ping	[2] 4.6.5	O	☑	
9/3	Connection Parameters Request procedure	[1] 4.6.2	C.2	☑	C.2: Optional IF LL 9/4 "Extended Reject Indication", otherwise Excluded.
9/4	Extended Reject Indication	[1] 4.6.3	O	☑	
9/5	Peripheral-initiated Features Exchange	[1] 4.6.4	O	☑	
9/6	LE Data Packet Length Extension	[3] 4.6.6	O	☑	
9/6a	Multiple PHYs	[4] 4.6.9	C.6	☑	C.6: Mandatory IF LL 9/7 "LE 2M PHY" OR LL 9/9 "LE Coded PHY", otherwise Excluded.
9/7	LE 2M PHY	[3] 2.1	C.5	☑	C.5: Optional IF CORE 1a/50 "Controller Core v5.0 or later" AND LL 9/4 "Extended Reject Indication", otherwise Excluded.
9/8	Asymmetric connections	[4] 4.6.9.1	C.7	☑	C.7: Optional IF LL 9/6a "Multiple PHYs", otherwise Excluded.
9/10	Channel Selection Algorithm #2	[4] 4.6.14	C.10	☑	C.10: Optional IF CORE 1a/50 "Controller Core v5.0 or later", otherwise not defined.
9/11	LE Power Class 1	[4] 4.6	C.9	☑	C.9: Mandatory IF RFPHY 1/15 "Power Class 1", otherwise Excluded.
9/12	Minimum Number of Used Channels procedure	[4] 4.6.15	C.10	☑	C.10: Optional IF CORE 1a/50 "Controller Core v5.0 or later", otherwise not defined.
9/13	LL Privacy	[4] 4.6.7	C.54	☑	C.54: Optional IF LL 2/4 "Generation of private addresses" AND LL 2/5 "Resolution of private addresses", otherwise Excluded.
9/26	Periodic Advertising Sync Transfer - Sender	[6] 4.6.23	C.23	☑	C.23: Optional IF CORE 1a/51 "Controller Core v5.1 or later" AND LL 3/10 "Periodic Advertising" AND (LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role"), otherwise Excluded.

9/27	Periodic Advertising Sync Transfer - Recipient	[6] 4.6.24	C.22	☑	C.22: Optional IF CORE 1a/51 "Controller Core v5.1 or later" AND LL 11/1 "Synchronizing to Periodic Advertising" AND (LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role"), otherwise Excluded.
9/28	Initiating Periodic Advertising Sync Transfer for Local Periodic Advertising	[6] 5.1.13	C.21	☑	C.21: Mandatory IF LL 9/26 "Periodic Advertising Sync Transfer - Sender", otherwise Excluded.
9/29	Initiating Periodic Advertising Sync Transfer for Remote Periodic Advertising	[6] 5.1.13	C.21	☑	C.21: Mandatory IF LL 9/26 "Periodic Advertising Sync Transfer - Sender", otherwise Excluded.
9/30	Sleep Clock Accuracy Updates	[6] 4.6.25	C.37	☑	C.37: Optional IF CORE 1a/51 "Controller Core v5.1 or later", otherwise Excluded.
9/31	Connected Isochronous Stream - Central	[7] 4.6.27	C.28	☑	C.28: Optional IF CORE 1a/52 "Controller Core v5.2 or later" AND LL 1/5 "Central Role" AND LL 9/4 "Extended Reject Indication" AND LL 9/10 "Channel Selection Algorithm #2" AND LL 9/30 "Sleep Clock Accuracy Updates", otherwise Excluded.
9/32	Connected Isochronous Stream - Peripheral	[7] 4.6.27	C.29	☑	C.29: Optional IF CORE 1a/52 "Controller Core v5.2 or later" AND LL 1/4 "Peripheral Role" AND LL 9/4 "Extended Reject Indication" AND LL 9/10 "Channel Selection Algorithm #2" AND LL 9/30 "Sleep Clock Accuracy Updates", otherwise Excluded.
9/33	Isochronous Broadcaster	[7] 4.6.28	C.30	☑	C.30: Optional IF CORE 1a/52 "Controller Core v5.2 or later" AND LL 9/42 "LE Periodic Advertising", otherwise Excluded.
9/34	Synchronized Receiver	[7] 4.6.29	C.30	☑	C.30: Optional IF CORE 1a/52 "Controller Core v5.2 or later" AND LL 9/42 "LE Periodic Advertising", otherwise Excluded.
9/35	ISO Receive Test	[8] 7.8.112, 7.8.113, 7.8.114	C.32	☑	C.32: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/34 "Synchronized Receiver", otherwise Excluded.
9/36	ISO Transmit Test	[8] 7.8.111, 7.8.114	C.33	☑	C.33: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/33 "Isochronous Broadcaster", otherwise Excluded.
9/37	LE Power Control Request	[7] 4.6.31	C.34	☑	C.34: Optional IF CORE 1a/52 "Controller Core v5.2 or later" AND LL 9/4 "Extended Reject Indication", otherwise Excluded.
9/40	Can Change Sleep Clock Accuracy	[6] 4.6.25	C.37	☑	C.37: Optional IF CORE 1a/51 "Controller Core v5.1 or later", otherwise Excluded.
9/41	LE Extended Advertising	[6] 4.6.12	C.38	☑	C.38: Optional IF CORE 1a/50 "Controller Core v5.0 or later" AND (LL 9/10 "Channel Selection Algorithm #2" OR NOT (LL 1/4 "Peripheral Role" OR LL 1/5 "Central Role")), otherwise Excluded.
9/42	LE Periodic Advertising	[6] 4.6.13	C.39	☑	C.39: Optional IF LL 9/41 "LE Extended Advertising" AND LL 9/10 "Channel Selection Algorithm #2", otherwise Excluded.
9/43	Periodic Advertising ADI support	[10] 4.6.34	C.40	☑	C.40: Optional IF CORE 1a/53 "Controller Core v5.3 or later" AND LL 9/42 "LE Periodic Advertising", otherwise Excluded.
9/44	Channel Classification	[10] 4.6.36	C.41	☑	C.41: Optional IF CORE 1a/53 "Controller Core v5.3 or later", otherwise Excluded.
9/46	BN values greater than 1 in CIS	[7] 4.5.13.1	C.42	☑	C.42: Optional IF (LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral"), otherwise Excluded.
9/47	FT values greater than 1 in CIS	[7] 4.5.13.1	C.42	☑	C.42: Optional IF (LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral"), otherwise Excluded.
9/58	Stable Modulation Index - Transmitter	[1] 4.6.10	C.10	☑	C.10: Optional IF CORE 1a/50 "Controller Core v5.0 or later", otherwise not defined.
9/59	Stable Modulation Index - Receiver	[1] 4.6.11	C.10	☑	C.10: Optional IF CORE 1a/50 "Controller Core v5.0 or later", otherwise not defined.
9/60	Features with Host Controlled feature bits	[7] 4.6, 4.6.33	C.55	☑	C.55: Mandatory IF LL 9/31 "Connected Isochronous Stream - Central" OR LL 9/32 "Connected Isochronous Stream - Peripheral" OR LL 9/45 "Connection Subrating" OR LL 9/48 "Advertising Coding Selection" OR LL 9/56 "Channel Sounding", otherwise Excluded.

Table 10: Scatternet Capabilities

Item	Capability	Reference	Support	Status	Comment
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Table 11: Protocol Synchronizing Features

Prerequisite: LL 1/3a "Synchronized State"

Item	Capability	Reference	Support	Status	Comment
11/1	Synchronizing to Periodic Advertising	[6] 4.4.3.4	C.3	☑	C.3: Mandatory IF LL 4/8 "Scanning for Periodic Advertising", otherwise Excluded.
11/3	Receiving Data on Single Broadcast Isochronous Stream	[7] 4.4.5.2	C.2	☑	C.2: Mandatory IF LL 9/34 "Synchronized Receiver", otherwise Excluded.
11/4	Receiving Data on Multiple Broadcast Isochronous Streams	[7] 4.4.5.2	C.4	☑	C.4: Optional IF LL 9/34 "Synchronized Receiver", otherwise Excluded.

Table 11a: Synchronized Receiver Features

Prerequisite: LL 9/34 "Synchronized Receiver"

Item	Capability	Reference	Support	Status	Comment
11a/1	BN values greater than 1	[7] 4.4.6.3	O	☑	
11a/2	Pre-transmission	[7] 4.4.6.3	O	☑	

Table 12: Protocol Isochronous Broadcasting Features

Prerequisite: LL 1/6 "Isochronous Broadcasting State"

Item	Capability	Reference	Support	Status	Comment
12/1	Encrypted Broadcast Isochronous Stream	[7] 4.4.6.1, 4.4.6.10	C.1	☑	C.1: Mandatory IF LL 9/1 "LE Encryption", otherwise Excluded.
12/2	Unencrypted Broadcast Isochronous Stream	[7] 4.4.6.1	M	☑	
12/3	Transmitting Data on Multiple Broadcast Isochronous Streams	[7] 4.4.6.3	O	☑	
12/4	BN values greater than 1	[7] 4.4.6.3	O	☑	
12/5	Pre-transmission	[7] 4.4.6.6	O	☑	

Table 13: Supported Capabilities

Prerequisite: LL 9/56 "Channel Sounding"

Item	Capability	Reference	Support	Status	Comment
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Table 14: Channel Sounding Mode Capabilities

Prerequisite: LL 9/56 "Channel Sounding"

Item	Capability	Reference	Support	Status	Comment
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Link Manager Protocol

Table 1: Response Messages

Item	Capability	Reference	Support	Status	Comment
1/1	Accept message	[1] 2.7	M	☑	
1/2	Reject message	[1] 2.7	M	☑	

Table 2: Supported Features

Item	Capability	Reference	Support	Status	Comment
2/1	3-slot packets	[1] 3.3, 4.1.10	O	☑	

2/2	5-slot packets	[1] 3.3, 4.1.10	O	☑	
2/3	Encryption	[1] 3.3, 4.2.5	M	☑	
2/4	Slot offset	[1] 3.3, 4.4.1	O	☑	
2/5	Timing accuracy	[1] 3.3, 4.3.1	O	☑	
2/6	Role switch	[1] 3.3, 4.4.2, [3] 8.6.5	C.5	☑	C.5: Optional IF LMP 2/4 "Slot offset", otherwise Excluded.
2/8	Sniff mode	[1] 3.3, 4.5.3	O	☑	
2/10	Power Control	[1] 3.3, 4.1.3, [2] 3	C.1	☑	C.1: Mandatory IF RF 1/1 "Power Class 1", otherwise Optional.
2/12	SCO link	[1] 3.3, 4.6.1, [3] 4.3, 6.5.2.1, 6.5.2.4	O	☑	
2/13	RSSI with inquiry results	[1] 3.3, [3] 8.4.2	O	☑	
2/13a	Power Control Requests	[1] 3.3, 4.1.3	O	☑	
2/14	Broadcast encryption	[1] 3.3, 4.2.4, 4.2.6	C.18	☑	C.18: Excluded IF LMP 2/28 "Coarse Clock Adjustment", otherwise Optional IF LMP 2/3 "Encryption", otherwise Excluded.
2/15	eSCO link	[1] 3.3, 4.6.2, [3] 5.5, 6.5.3.1	O	☑	
2/17	Enhanced Data Rate ACL (2 Mb/s mode)	[1] 3.3, [3] 6.5.4	O	☑	
2/17a	Enhanced Data Rate ACL (3 Mb/s mode)	[1] 3.3, [3] 6.5.4	C.19	☑	C.19: Optional IF LMP 2/17 "Enhanced Data Rate ACL (2 Mb/s mode)", otherwise Excluded.
2/18	Enhanced Data Rate eSCO (2 Mb/s mode)	[1] 3.3, [3] 6.5.3	O	☑	
2/19a	Simple Pairing Updates	[4], [5] 3.3, 4.2.7.4	M	☑	
2/19b	Secure Simple Pairing (Controller Support)	[1] 3.3, 4.2.7	M	☑	
2/20	Enhanced Power Control	[1] 3.3, 4.1.3.1	C.6	☑	C.6: Optional IF LMP 2/10 "Power Control" AND LMP 2/13a "Power Control Requests", otherwise Excluded.
2/22	LE Supported (Controller)	[1] 3.3	C.4	☑	C.4: Mandatory IF CORE 10/12 "Link Layer (LL)", otherwise Excluded.
2/26	Secure Connections (Controller Support)	[1] 3.3, 4.2.7	C.9	☑	C.9: Optional IF LMP 2/3 "Encryption" AND LMP 2/27 "Ping" AND LMP 6/10 "Encryption Pause/Resume", otherwise Excluded.
2/27	Ping	[1] 3.3, 4.1.13	O	☑	

Table 2a: Additional Features

Item	Capability	Reference	Support	Status	Comment
2a/12	HV2 packets	[1] 3.3, [3] 6.5.2.2	C.12	☑	C.12: Optional IF LMP 2/12 "SCO link", otherwise Excluded.
2a/13	HV3 packets	[1] 3.3, [3] 6.5.2.3	C.12	☑	C.12: Optional IF LMP 2/12 "SCO link", otherwise Excluded.
2a/14	μ-law log synchronous data	[1] 3.3, [3] 9.1	C.14	☑	C.14: Optional IF LMP 2/12 "SCO link" OR LMP 2/15 "eSCO link", otherwise Excluded.
2a/15	A-law log synchronous data	[1] 3.3, [3] 9.1	C.14	☑	C.14: Optional IF LMP 2/12 "SCO link" OR LMP 2/15 "eSCO link", otherwise Excluded.
2a/16	CVSD synchronous data	[1] 3.3, [3] 9.2	C.14	☑	C.14: Optional IF LMP 2/12 "SCO link" OR LMP 2/15 "eSCO link", otherwise Excluded.
2a/19	Transparent synchronous data	[1] 3.3, [3] 6.4.3	C.14	☑	C.14: Optional IF LMP 2/12 "SCO link" OR LMP 2/15 "eSCO link", otherwise Excluded.
2a/28	Interlaced inquiry scan	[1] 3.3, [3] 8.4.1	O	☑	

2a/29	Interlaced page scan	[1] 3.3, [3] 8.3.1	O	☑	
2a/39	3-slot Enhanced Data Rate ACL packets	[1] 3.3, [3] 4.1.10	C.39	☑	C.39: Optional IF LMP 2/17 "Enhanced Data Rate ACL (2 Mb/s mode)", otherwise Excluded.
2a/40	5-slot Enhanced Data Rate ACL packets	[1] 3.3, [3] 4.1.10	C.39	☑	C.39: Optional IF LMP 2/17 "Enhanced Data Rate ACL (2 Mb/s mode)", otherwise Excluded.
2a/48	Extended Inquiry Response	[1] 3.3	C.48	☑	C.48: Optional IF LMP 2/13 "RSSI with inquiry results", otherwise Excluded.
2a/52	Encapsulated PDU	[1] 3.3, 4.1.12.1	M	☑	
2a/54	Non-flushable Packet Boundary Flag	[1] 3.3	O	☑	
2a/56	Link Supervision Timeout Changed event	[1] 3.3, [7] 7.7.46	C.56	☑	C.56: Mandatory IF HCI 13/7 "Link Supervision Timeout Changed event", otherwise Excluded.
2a/57	Variable Inquiry TX Power Level	[1] 3.3	O	☑	
2a/132	Inquiry Response Notification event	[1] 3.3, [7] 7.7.74	C.132	☑	C.132: Mandatory IF HCI 6/23 "Inquiry Response Notification event", otherwise Excluded.

Table 2b: EDR Features

Item	Capability	Reference	Support	Status	Comment
2b/1	EDR for asynchronous transports (single slot)	[2] 3.2	C.1, C.4	☑	C.1: Mandatory IF LMP 2/17 "Enhanced Data Rate ACL (2 Mb/s mode)", otherwise Excluded. C.4: Mandatory to support at least one IF CORE 30/4 "HS Core-Controller Configuration" OR CORE 30/5 "HS/LE Core-Controller Configuration", otherwise Optional.
2b/2	EDR for asynchronous transports (multi-slot)	[2] 3.2	C.2, C.4	☑	C.2: Mandatory IF LMP 2a/39 "3-slot Enhanced Data Rate ACL packets", otherwise Excluded. C.4: Mandatory to support at least one IF CORE 30/4 "HS Core-Controller Configuration" OR CORE 30/5 "HS/LE Core-Controller Configuration", otherwise Optional.
2b/3	EDR for synchronous transports (Core 3.0 or later)	[2] 3.2	C.3, C.4	☑	C.3: Mandatory IF LMP 2/18 "Enhanced Data Rate eSCO (2 Mb/s mode)", otherwise Excluded. C.4: Mandatory to support at least one IF CORE 30/4 "HS Core-Controller Configuration" OR CORE 30/5 "HS/LE Core-Controller Configuration", otherwise Optional.

Table 3: Authentication

Item	Capability	Reference	Support	Status	Comment
3/1	Initiate authentication before connection completed	[1] 4.2.1	O	☑	
3/2	Initiate authentication after connection completed	[1] 4.2.1	O	☑	
3/3	Respond to authentication request	[1] 4.2.1	M	☑	

Table 4: Pairing

Item	Capability	Reference	Support	Status	Comment
4/1	Initiate pairing before connection completed	[1] 4.4.2	O	☑	
4/2	Initiate pairing after connection completed	[1] 4.4.2	O	☑	
4/3	Respond to pairing request	[1] 4.2.2.1, 4.2.2.3	M	☑	
4/4	Use fixed PIN and request responder to initiator switch	[1] 4.2.2.2	C.1	☑	C.1: Mandatory to support at least one.

4/5	Use variable PIN	[1] 4.2.2.2	C.1	☑	C.1: Mandatory to support at least one.
4/6	Accept initiator to responder switch	[1] 4.2.2.2	C.2	☑	C.2: Mandatory IF LMP 4/5 "Use variable PIN" AND (LMP 4/1 "Initiate pairing before connection completed" OR LMP 4/2 "Initiate pairing after connection completed"), otherwise Optional.
4/7	TSPC_Change_of_IO_Capabilities	[1] 4.2.7.3.4	M	☑	

Table 5: Link Keys

Item	Capability	Reference	Support	Status	Comment
5/2	Creation of link key - Combination Key	[1] 4.2.2.4	M	☑	
5/3	Initiate change of link key	[1] 4.2.3	O	☑	
5/4	Accept change of link key	[1] 4.2.3	M	☑	
5/8	Support for 7 bytes or longer encryption key size	[1] 4.2.5.2	M	☑	

Table 6: Encryption

Prerequisite: LMP 2/3 "Encryption"

Item	Capability	Reference	Support	Status	Comment
6/1	Initiate encryption	[1] 4.2.5.1	M	☑	
6/2	Accept encryption requests	[1] 4.2.5.1	M	☑	
6/5	Key size negotiation	[1] 4.2.5.2	M	☑	
6/6	Start encryption, as Central	[1] 4.2.5.3	M	☑	
6/7	Accept start of encryption	[1] 4.2.5.3	M	☑	
6/8	Stop encryption, as Central	[1] 4.2.5.4	M	☑	
6/9	Accept stop of encryption	[1] 4.2.5.4	M	☑	
6/10	Encryption Pause/Resume	[1] 4.2.5.3	M	☑	
6/11	AES CCM Encryption	[1] 4.2.5	C.3	☑	C.3: Mandatory IF LMP 2/26 "Secure Connections (Controller Support)", otherwise Excluded.

Table 7: Clock Offset Information

Item	Capability	Reference	Support	Status	Comment
7/1	Request clock offset information	[1] 4.3.2	M	☑	
7/2	Respond to clock offset requests	[1] 4.3.2	M	☑	

Table 8: Slot Offset Information

Prerequisite: LMP 2/4 "Slot offset"

Item	Capability	Reference	Support	Status	Comment
8/1	Send slot offset information	[1] 4.4.1	C.1	☑	C.1: Mandatory IF LMP 13/1 "Request role switch", otherwise Optional.

Table 9: Timing Accuracy Information

Prerequisite: LMP 2/5 "Timing accuracy"

Item	Capability	Reference	Support	Status	Comment
9/1	Request timing accuracy information	[1] 4.3.1	O	☑	
9/2	Respond to timing accuracy information requests	[1] 4.3.1	M	☑	

Table 10: LM Version Information

Item	Capability	Reference	Support	Status	Comment
10/1	Request LM version information	[1] 4.3.3	O	☑	
10/2	Respond to LM version information requests	[1] 4.3.3	M	☑	

Table 11: Feature Support

Item	Capability	Reference	Support	Status	Comment
11/1	Request supported features	[1] 4.3.4	M	☑	
11/2	Respond to supported features requests	[1] 4.3.4	M	☑	
11/3	Request extended features mask	[1] 4.3.4	C.2	☑	C.2: Mandatory IF LMP 2a/128 "Connectionless Peripheral Broadcast - Central Operation" OR LMP 2a/129 "Connectionless Peripheral Broadcast - Peripheral Operation" OR LMP 2a/130 "Synchronization Train" OR LMP 2a/131 "Synchronization Scan" OR LMP 2a/132 "Inquiry Response Notification event" OR LMP 2a/133 "Generalized interlaced scan" OR LMP 2/28 "Coarse Clock Adjustment" OR LMP 2/26 "Secure Connections (Controller Support)" OR LMP 2/27 "Ping" OR LMP 2/29 "Slot Availability Mask" OR LMP 2a/139 "Train nudging", otherwise Optional. Note: Mandatory IF a feature requiring another features page (a feature with an LMP feature number greater than 63 in Table 3.1: Mapping of LMP Feature Bits to ICS Items), other than Host features, is supported, otherwise Optional.
11/4	Respond to extended features request	[1] 4.3.4	C.2	☑	C.2: Mandatory IF LMP 2a/128 "Connectionless Peripheral Broadcast - Central Operation" OR LMP 2a/129 "Connectionless Peripheral Broadcast - Peripheral Operation" OR LMP 2a/130 "Synchronization Train" OR LMP 2a/131 "Synchronization Scan" OR LMP 2a/132 "Inquiry Response Notification event" OR LMP 2a/133 "Generalized interlaced scan" OR LMP 2/28 "Coarse Clock Adjustment" OR LMP 2/26 "Secure Connections (Controller Support)" OR LMP 2/27 "Ping" OR LMP 2/29 "Slot Availability Mask" OR LMP 2a/139 "Train nudging", otherwise Optional. Note: Mandatory IF a feature requiring another features page (a feature with an LMP feature number greater than 63 in Table 3.1: Mapping of LMP Feature Bits to ICS Items), other than Host features, is supported, otherwise Optional.

Table 12: Name Information

Item	Capability	Reference	Support	Status	Comment
12/1	Request name information	[1] 4.3.5	M	☑	
12/2	Respond to name requests	[1] 4.3.5	M	☑	

Table 13: Role Switch

Prerequisite: LMP 2/6 "Role switch"

Item	Capability	Reference	Support	Status	Comment
13/1	Request role switch	[1] 4.4.2	O	☑	
13/2	Accept role switch requests	[1] 4.4.2	M	☑	

Table 14: Detach

Item	Capability	Reference	Support	Status	Comment
14/1	Detach connection	[1] 4.1.2	M	☑	

Table 14a: Setting up and Removing Enhanced Data Rate ACL Connection

Item	Capability	Reference	Support	Status	Comment
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14a/1	Enter Enhanced Data Rate	[1] 4.1.11	C.1	☑	C.1: Mandatory IF LMP 2/17 "Enhanced Data Rate ACL (2 Mb/s mode)", otherwise Excluded.
14a/2	Exit Enhanced Data Rate	[1] 4.1.11	C.1	☑	C.1: Mandatory IF LMP 2/17 "Enhanced Data Rate ACL (2 Mb/s mode)", otherwise Excluded.

Table 14b: Setting up and Removing Enhanced Data Rate eSCO Connection

Item	Capability	Reference	Support	Status	Comment
14b/1	Enter and exit eSCO using Enhanced Data Rate Packets	[1] 4.6.2	C.1	☑	C.1: Mandatory IF LMP 2/18 "Enhanced Data Rate eSCO (2 Mb/s mode)", otherwise Excluded.

Table 15: Hold Mode

Prerequisite: LMP 2/7 "Hold mode"

Item	Capability	Reference	Support	Status	Comment
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Table 16: Sniff Mode

Prerequisite: LMP 2/8 "Sniff mode"

Item	Capability	Reference	Support	Status	Comment
16/2	Request sniff mode	[1] 4.5.3, 4.5.3.2	O	☑	
16/3	Respond to sniff mode requests (renegotiate or reject)	[1] 4.5.3.2	M	☑	
16/5	Request un-sniff	[1] 4.5.3.2	C.1	☑	C.1: Mandatory IF LMP 16/2 "Request sniff mode", otherwise Optional.
16/6	Accept un-sniff requests	[1] 4.5.3.2	M	☑	
16/7	Sniff Subrating Mode	[1] 4.5.3.2	M	☑	

Table 18: Power Control

Item	Capability	Reference	Support	Status	Comment
18/1	Request to Increase Power	[1] 4.1.3	C.1	☑	C.1: Mandatory IF LMP 2/13a "Power Control Requests", otherwise Excluded.
18/2	Request to Decrease Power	[1] 4.1.3	C.1	☑	C.1: Mandatory IF LMP 2/13a "Power Control Requests", otherwise Excluded.
18/3	Respond when max power reached	[1] 4.1.3	C.2	☑	C.2: Mandatory IF LMP 2/10 "Power Control", otherwise Excluded.
18/4	Respond when min power reached	[1] 4.1.3	C.2	☑	C.2: Mandatory IF LMP 2/10 "Power Control", otherwise Excluded.
18/5	Request to increment power a single step	[1] 4.1.3.1.1	C.3	☑	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control", otherwise Excluded.
18/6	Request to decrease power a single step	[1] 4.1.3.1.1	C.3	☑	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control", otherwise Excluded.
18/7	Request to go to max power	[1] 4.1.3.1.1	C.3	☑	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control", otherwise Excluded.
18/8	Respond to increment power a single step	[1] 4.1.3.1.2	C.3	☑	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control", otherwise Excluded.
18/9	Respond to decrease power a single step	[1] 4.1.3.1.2	C.3	☑	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control", otherwise Excluded.
18/10	Respond to go to max power	[1] 4.1.3.1.2	C.3	☑	C.3: Mandatory IF LMP 2/20 "Enhanced Power Control", otherwise Excluded.

Table 19: Link Supervision Timeout

Item	Capability	Reference	Support	Status	Comment
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19/1	Set link supervision timeout value	[1] 4.1.6	O	☑	
19/2	Accept link supervision timeout setting	[1] 4.1.6	M	☑	

Table 20: Quality of Service

Item	Capability	Reference	Support	Status	Comment
20/2	Force/Request change of Quality of Service	[1] 4.1.8, 4.1.8.1	M	☑	
20/3	Request change of Quality of Service	[1] 4.1.8, 4.1.8.2	M	☑	

Table 22: Multi-Slot Packets

Item	Capability	Reference	Support	Status	Comment
22/1	Accept maximum allowed number of slots to be used	[1] 4.1.10	C.1	☑	C.1: Mandatory IF LMP 2/1 "3-slot packets" OR LMP 2/2 "5-slot packets", otherwise Optional.
22/2	Request maximum number of slots to be used	[1] 4.1.10	C.1	☑	C.1: Mandatory IF LMP 2/1 "3-slot packets" OR LMP 2/2 "5-slot packets", otherwise Optional.
22/3	Accept request of maximum number of slots to be used	[1] 4.1.10	C.1	☑	C.1: Mandatory IF LMP 2/1 "3-slot packets" OR LMP 2/2 "5-slot packets", otherwise Optional.

Table 23: Paging Scheme

Prerequisite: LMP 2/30 "Paging Parameter Negotiation"

Item	Capability	Reference	Support	Status	Comment
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Table 24: Connection Establishment

Item	Capability	Reference	Support	Status	Comment
24/1	Create connection for higher layers	[1] 4.1.1	M	☑	
24/2	Respond to requests to establish connections for higher layers	[1] 4.1.1	M	☑	
24/3	Indicate that link set-up is completed	[1] 4.1.1	M	☑	

Table 25: Test Mode

Item	Capability	Reference	Support	Status	Comment
25/1	Activate test mode	[1] 4.7.1	O	☑	
25/2	Ability to reject activation of test mode if test mode is disabled	[1] 4.7.1	M	☑	
25/3	Control test mode	[1] 4.7.2	O	☑	
25/4	Ability to reject test mode control commands if test mode is disabled	[1] 4.7.2	M	☑	

Table 26: Adaptive Frequency Hopping

Item	Capability	Reference	Support	Status	Comment
26/1	Support of AFH switch as Central	[1] 4.1.4	O	☑	
26/2	Support of AFH switch as Peripheral	[1] 4.1.4	O	☑	
26/4	Support of Channel Classification reporting as Peripheral	[1] 4.1.5	C.2	☑	C.2: Optional IF LMP 26/2 "Support of AFH switch as Peripheral", otherwise Excluded.
26/4a	Support of Channel Classification reporting as Central	[1] 4.1.5	C.4	☑	C.4: Optional IF LMP 26/1 "Support of AFH switch as Central", otherwise Excluded.

26/5	Support channel classification from host	[1] 4.1.5	C.3	☑	C.3: Mandatory IF LMP 26/1 "Support of AFH switch as Central" OR LMP 26/4 "Support of Channel Classification reporting as Peripheral", otherwise Optional.
26/6	Support of Channel Classification	[1] 4.1.5	O	☑	

Table 27: Ping

Prerequisite: LMP 2/27 "Ping"

Item	Capability	Reference	Support	Status	Comment
27/1	Initiate LMP Ping	[1] 4.1.13	O	☑	
27/2	Respond to LMP Ping	[1] 4.1.13	M	☑	

Table 28: Coarse Clock Adjustment

Prerequisite: LMP 2/28 "Coarse Clock Adjustment"

Item	Capability	Reference	Support	Status	Comment
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Table 29: Slot Availability Mask

Prerequisite: LMP 2/29 "Slot Availability Mask"

Item	Capability	Reference	Support	Status	Comment
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Table 30: BB Requirements

Item	Capability	Reference	Support	Status	Comment
30/0a	DM3 packet type	[3] 6.5.4.3	C.0	☑	C.0: Mandatory IF LMP 2/1 "3-slot packets", otherwise not defined.
30/0b	DH3 packet type	[3] 6.5.4.4	C.0	☑	C.0: Mandatory IF LMP 2/1 "3-slot packets", otherwise not defined.
30/1a	DM5 packet type	[3] 6.5.4.5	C.1	☑	C.1: Mandatory IF LMP 2/2 "5-slot packets", otherwise not defined.
30/1b	DH5 packet type	[3] 6.5.4.6	C.1	☑	C.1: Mandatory IF LMP 2/2 "5-slot packets", otherwise not defined.
30/11	SCO link	[3] 4.5.1.2, 8.6.2	C.11	☑	C.11: Mandatory IF LMP 2/12 "SCO link", otherwise not defined.
30/12	HV2 packet type	[3] 6.5.2.2	C.12	☑	C.12: Mandatory IF LMP 2a/12 "HV2 packets", otherwise not defined.
30/13	HV3 packet type	[3] 6.5.2.3	C.13	☑	C.13: Mandatory IF LMP 2a/13 "HV3 packets", otherwise not defined.
30/14	μ-law	[3] 9.1	C.14	☑	C.14: Mandatory IF LMP 2a/14 "μ-law log synchronous data", otherwise not defined.
30/15	A-law	[3] 9.1	C.15	☑	C.15: Mandatory IF LMP 2a/15 "A-law log synchronous data", otherwise not defined.
30/16	CVSD	[3] 9.2	C.16	☑	C.16: Mandatory IF LMP 2a/16 "CVSD synchronous data", otherwise not defined.
30/19	Transparent Synchronous Data	[3] 6.4.3	C.19	☑	C.19: Mandatory IF LMP 2a/19 "Transparent synchronous data", otherwise not defined.
30/25	2-DH1 packet type	[3] 6.5.4.8	C.25	☑	C.25: Mandatory IF LMP 2/17 "Enhanced Data Rate ACL (2 Mb/s mode)", otherwise not defined.
30/26	3-DH1 packet type	[3] 6.5.4.11	C.26	☑	C.26: Mandatory IF LMP 2/17a "Enhanced Data Rate ACL (3 Mb/s mode)", otherwise not defined.
30/28	Interlaced Scan during Inquiry Scan	[3] 8.4.1	C.28	☑	C.28: Mandatory IF LMP 2a/28 "Interlaced inquiry scan", otherwise not defined.
30/29	Interlaced Scan during Page Scan	[3] 8.3.1	C.29	☑	C.29: Mandatory IF LMP 2a/29 "Interlaced page scan", otherwise not defined.
30/31	eSCO link	[3] 4.5.1.4, 8.6.3	C.31	☑	C.31: Mandatory IF LMP 2/15 "eSCO link", otherwise not defined.

30/39	2-DH3 packet type	[3] 6.5.4.9	C.39	☑	C.39: Mandatory IF LMP 2a/39 "3-slot Enhanced Data Rate ACL packets", otherwise not defined.
30/40	2-DH5 packet type	[3] 6.5.4.13	C.40	☑	C.40: Mandatory IF LMP 2a/40 "5-slot Enhanced Data Rate ACL packets", otherwise not defined.
30/45	2-EV3 packet type	[3] 6.5.3.4	C.45	☑	C.45: Mandatory IF LMP 2/18 "Enhanced Data Rate eSCO (2 Mb/s mode)", otherwise not defined.
30/48	Extended Inquiry Response	[3] 8.4.3	C.48	☑	C.48: Mandatory IF LMP 2a/48 "Extended Inquiry Response", otherwise not defined.
30/54	Non-flushable Packet Boundary Flag	[3] 7.6.3	C.54	☑	C.54: Mandatory IF LMP 2a/54 "Non-flushable Packet Boundary Flag", otherwise not defined.

Media Control Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Media Control Server	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
1/2	Media Control Client	[1] 4	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1] 2.4	C.1	☑	C.1: Mandatory to support at least one.

Table 3: Media Control Server, X.Y Versions

Prerequisite: MCP 1/1 "Media Control Server"

Item	Capability	Reference	Support	Status	Comment
3/1	MCP v1.0	[1]	M	☑	

Table 5: Service Requirements

Prerequisite: MCP 1/1 "Media Control Server"

Item	Capability	Reference	Support	Status	Comment
5/1	Media Control Service	[1] 3	O	☑	
5/2	Generic Media Control Service	[1] 3	M	☑	
5/4	LE Extended Advertising	[1] 6.1.1.1	M	☑	

Table 6: GAP Requirements - Media Control Server Role

Prerequisite: MCP 1/1 "Media Control Server"

Item	Capability	Reference	Support	Status	Comment
6/1	LE security mode 1	[1] 5.1	C.1	☑	C.1: Mandatory IF MCP 2/2 "Profile supported over LE", otherwise not defined.
6/2	Bondable mode (LE)	[1] 5.1.1	C.1	☑	C.1: Mandatory IF MCP 2/2 "Profile supported over LE", otherwise not defined.
6/3	Bonding procedure (LE)	[1] 5.1.1	C.1	☑	C.1: Mandatory IF MCP 2/2 "Profile supported over LE", otherwise not defined.
6/4	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5	C.6	☑	C.6: Mandatory to support at least one IF MCP 2/2 "Profile supported over LE", otherwise not defined.
6/5	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 5	C.6	☑	C.6: Mandatory to support at least one IF MCP 2/2 "Profile supported over LE", otherwise not defined.

6/6	LE security mode 1 level 4	[1] 5	C.6	☑	C.6: Mandatory to support at least one IF MCP 2/2 "Profile supported over LE", otherwise not defined.
6/7	Minimum 128 Bit entropy key (LE)	[1] 5	C.3	☑	C.3: Mandatory IF MCP 6/4 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR MCP 6/5 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
6/13	LE Secure Connections	[1] 5.1	C.8	☑	C.8: Mandatory to support at least one IF MCP 2/2 "Profile supported over LE", otherwise not defined.

Table 8: OTP Requirements - Media Control Server Role

Prerequisite: MCP 5/3 "Object Transfer Service"

Item	Capability	Reference	Support	Status	Comment
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Table 9: OTS Characteristics Requirements - Media Control Server Role

Prerequisite: MCP 5/3 "Object Transfer Service"

Item	Capability	Reference	Support	Status	Comment
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Table 10: OTS Feature Requirements - Media Control Server Role

Prerequisite: MCP 5/3 "Object Transfer Service"

Item	Capability	Reference	Support	Status	Comment
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Table 11: Media Control Client, X.Y Versions

Prerequisite: MCP 1/2 "Media Control Client"

Item	Capability	Reference	Support	Status	Comment
11/1	MCP v1.0	[1]	M	☑	

Table 13: Media Control Service Support

Prerequisite: MCP 1/2 "Media Control Client"

Item	Capability	Reference	Support	Status	Comment
13/1	Discover Media Control Service	[1] 4	C.1	☑	C.1: Mandatory to support at least one.
13/2	Discover Generic Media Control Service	[1] 4	C.1	☑	C.1: Mandatory to support at least one.

Table 14: Media Control Service Characteristic Support Requirements

Prerequisite: MCP 13/1 "Discover Media Control Service"

Item	Capability	Reference	Support	Status	Comment
14/1	Media Player Name Characteristic	[1] 4.5.1	M	☑	
14/4	Track Changed Characteristic	[1] 4.6.1	O	☑	
14/5	Track Title Characteristic	[1] 4.5.3	O	☑	
14/6	Track Duration Characteristic	[1] 4.5.4	O	☑	
14/7	Track Position Characteristic	[1] 4.5.5	O	☑	
14/17	Media State Characteristic	[1] 4.5.22	O	☑	
14/18	Media Control Point Characteristic	[1] 4.5	O	☑	
14/22	Content Control ID Characteristic	[1] 4.5.44	O	☑	

Table 15: Media Control Point Procedure Requirements

Prerequisite: MCP 14/18 "Media Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
15/1	Play Current Track Procedure	[1] 4.5.22	O	☑	
15/2	Pause Current Track Procedure	[1] 4.5.23	O	☑	

Table 16: Generic Media Control Service Characteristic Support Requirements

Prerequisite: MCP 13/2 "Discover Generic Media Control Service"

Item	Capability	Reference	Support	Status	Comment
16/1	Media Player Name Characteristic	[1] 4.5.1	M	☑	
16/4	Track Changed Characteristic	[1] 4.6.1	O	☑	
16/5	Track Title Characteristic	[1] 4.5.3	O	☑	
16/6	Track Duration Characteristic	[1] 4.5.4	O	☑	
16/7	Track Position Characteristic	[1] 4.5.5	O	☑	
16/17	Media State Characteristic	[1] 4.5.22	O	☑	
16/18	Media Control Point Characteristic	[1] 4.5	O	☑	
16/19	Media Control Opcodes Supported Characteristic	[1] 4.5.42	O	☑	
16/22	Content Control ID Characteristic	[1] 4.5.44	O	☑	

Table 17: Media Control Point Procedure Requirements

Prerequisite: MCP 16/18 "Media Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
17/1	Play Current Track Procedure	[1] 4.5.22	O	☑	
17/2	Pause Current Track Procedure	[1] 4.5.23	O	☑	

Table 18: GAP Requirements - Media Control Client Role

Prerequisite: MCP 1/2 "Media Control Client"

Item	Capability	Reference	Support	Status	Comment
18/2	LE security mode 1	[1] 5.1	C.1	☑	C.1: Mandatory IF MCP 2/2 "Profile supported over LE", otherwise not defined.
18/3	Bondable mode (LE)	[1] 6.2	C.1	☑	C.1: Mandatory IF MCP 2/2 "Profile supported over LE", otherwise not defined.
18/4	Bonding procedure	[1] 6.2	C.1	☑	C.1: Mandatory IF MCP 2/2 "Profile supported over LE", otherwise not defined.
18/5	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5.1	O	☑	
18/6	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 5.1	O	☑	
18/7	LE security mode 1 level 4	[1] 5.1	O	☑	
18/8	Minimum 128 Bit entropy key (LE)	[1] 5.1	C.5	☑	C.5: Mandatory IF MCP 18/5 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR MCP 18/6 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
18/14	LE Secure Connections	[1] 5.1	C.6	☑	C.6: Mandatory to support at least one IF MCP 2/2 "Profile supported over LE", otherwise not defined.

Table 20: OTP Requirements - Media Control Client Role

Prerequisite: MCP 13/3 "Discover Object Transfer Service"

Item	Capability	Reference	Support	Status	Comment
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Table 21: OTP Procedure Requirements - Media Control Client Role

Prerequisite: MCP 13/3 "Discover Object Transfer Service"

Item	Capability	Reference	Support	Status	Comment
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Media Control Service

Table 0b: Service Requirements

Item	Capability	Reference	Support	Status	Comment
0b/1	Media Control Service	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
0b/2	Generic Media Control Service	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 0: X.Y Versions

Prerequisite: MCS 0b/1 "Media Control Service"

Item	Capability	Reference	Support	Status	Comment
0/1	MCS v1.0	[1]	M	☑	

Table 0a: X.Y.Z Versions

Prerequisite: MCS 0b/1 "Media Control Service"

Item	Capability	Reference	Support	Status	Comment
0a/1	MCS v1.0.1	[4]	O	☑	

Table 1: Transport Requirements

Prerequisite: MCS 0b/1 "Media Control Service"

Item	Capability	Reference	Support	Status	Comment
1/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Media Control Service Requirements

Prerequisite: MCS 0b/1 "Media Control Service"

Item	Capability	Reference	Support	Status	Comment
2/1	Media Control Service	[1] 2.1	M	☑	
2/3	Media Player Name Characteristic	[1] 3.1	M	☑	
2/7	Track Changed Characteristic	[1] 3.4	M	☑	
2/8	Track Title Characteristic	[1] 3.5	M	☑	
2/10	Track Duration Characteristic	[1] 3.6	M	☑	
2/11	Track Position Characteristic	[1] 3.7	M	☑	
2/21	Media State Characteristic	[1] 3.17	M	☑	
2/22	Media Control Point Characteristic	[1] 3.18	M	☑	
2/23	Media Control Point Opcodes Supported Characteristic	[1] 3.19	M	☑	
2/26	Content Control ID Characteristic	[1] 3.22	M	☑	

Table 3: Media Control Point Opcode Requirements

Prerequisite: MCS 2/22 "Media Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
3/1	Play	[1] 3.18.1.1	C.1	☑	C.1: Mandatory to support at least one.
3/2	Pause	[1] 3.18.1.2	C.1	☑	C.1: Mandatory to support at least one.
3/3	Fast Rewind	[1] 3.18.1.3	C.1	☑	C.1: Mandatory to support at least one.
3/4	Fast Forward	[1] 3.18.1.4	C.1	☑	C.1: Mandatory to support at least one.
3/5	Stop	[1] 3.18.1.5	C.1	☑	C.1: Mandatory to support at least one.
3/12	Previous Track	[1] 3.18.1.12	C.1	☑	C.1: Mandatory to support at least one.
3/13	Next Track	[1] 3.18.1.13	C.1	☑	C.1: Mandatory to support at least one.

Table 4: Media State Requirements

Prerequisite: MCS 0b/1 "Media Control Service"

Item	Capability	Reference	Support	Status	Comment
4/1	Play	[1] 3.18.1.1	C.1	☑	C.1: Optional IF MCS 3/1 "Play", otherwise Excluded.
4/2	Pause	[1] 3.18.1.2	C.2	☑	C.2: Optional IF MCS 3/2 "Pause", otherwise Excluded.
4/4	Inactive	[1] 3.18.1.4	M	☑	

Table 5: GATT Requirements

Prerequisite: MCS 0b/1 "Media Control Service"

Item	Capability	Reference	Support	Status	Comment
5/1	Write without Response	[1] 1.4	M	☑	
5/2	Notifications	[1] 1.4	M	☑	
5/3	Write Characteristic Descriptors	[1] 1.4	M	☑	
5/4	Read Characteristic Descriptors	[1] 1.4	M	☑	
5/6	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF MCS 1/2 "Service supported over LE", otherwise not defined.

Table 6: SDP Requirements

Prerequisite: MCS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Table 20: X.Y Versions

Prerequisite: MCS 0b/2 "Generic Media Control Service"

Item	Capability	Reference	Support	Status	Comment
20/1	GMCS v1.0	[1]	M	☑	

Table 20a: X.Y.Z Versions

Prerequisite: MCS 0b/2 "Generic Media Control Service"

Item	Capability	Reference	Support	Status	Comment
20a/1	GMCS v1.0.1	[4]	O	☑	

Table 21: Transport Requirements

Prerequisite: MCS 0b/2 "Generic Media Control Service"

Item	Capability	Reference	Support	Status	Comment
21/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 22: Generic Media Control Service Requirements

Prerequisite: MCS 0b/2 "Generic Media Control Service"

Item	Capability	Reference	Support	Status	Comment
22/1	Generic Media Control Service	[1] 2.1	M	☑	
22/3	Media Player Name Characteristic	[1] 3.1	M	☑	
22/7	Track Changed Characteristic	[1] 3.4	M	☑	
22/8	Track Title Characteristic	[1] 3.5	M	☑	
22/10	Track Duration Characteristic	[1] 3.6	M	☑	
22/11	Track Position Characteristic	[1] 3.7	M	☑	
22/21	Media State Characteristic	[1] 3.17	M	☑	
22/22	Media Control Point Characteristic	[1] 3.18	M	☑	

22/23	Media Control Point Opcodes Supported Characteristic	[1] 3.19	M	☑
22/26	Content Control ID Characteristic	[1] 3.22	M	☑

Table 23: Generic Media Control Point Opcode Requirements

Prerequisite: MCS 22/22 "Media Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
23/1	Play	[1] 3.18.1.1	C.1	☑	C.1: Mandatory to support at least one.
23/2	Pause	[1] 3.18.1.2	C.1	☑	C.1: Mandatory to support at least one.

Table 24: Media State Supported Requirements

Prerequisite: MCS 0b/2 "Generic Media Control Service"

Item	Capability	Reference	Support	Status	Comment
24/4	Inactive	[1] 3.18.1.4	M	☑	

Table 25: GATT Requirements

Prerequisite: MCS 0b/2 "Generic Media Control Service"

Item	Capability	Reference	Support	Status	Comment
25/1	Write without Response	[1] 1.4	M	☑	
25/2	Notifications	[1] 1.4	M	☑	
25/3	Write Characteristic Descriptors	[1] 1.4	M	☑	
25/4	Read Characteristic Descriptors	[1] 1.4	M	☑	
25/6	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF MCS 21/2 "Service supported over LE", otherwise not defined.

Table 26: SDP Requirements

Prerequisite: MCS 21/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Microphone Control Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Microphone Device	[1] 3	C.1	☑	C.1: Mandatory to support at least one.
1/2	Microphone Controller	[1] 4	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1]	C.1	☑	C.1: Mandatory to support at least one.

Table 3: Microphone Device, X.Y Versions

Prerequisite: MICP 1/1 "Microphone Device"

Item	Capability	Reference	Support	Status	Comment
3/1	MICP v1.0	[1]	M	☑	

Table 5: Service Requirements

Prerequisite: MICP 1/1 "Microphone Device"

Item	Capability	Reference	Support	Status	Comment
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5/1	Microphone Control Service	[1] 3	M	☑
5/2	Audio Input Control Service	[1] 3	O	☑

Table 6: GAP Requirements - Microphone Device Role

Prerequisite: MICP 1/1 "Microphone Device"

Item	Capability	Reference	Support	Status	Comment
6/1	LE security mode 1	[1] 5.1	C.1	☑	C.1: Mandatory IF MICP 2/2 "Profile supported over LE", otherwise not defined.
6/2	Bondable mode (LE)	[1] 5.1	C.1	☑	C.1: Mandatory IF MICP 2/2 "Profile supported over LE", otherwise not defined.
6/4	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5.1	C.3	☑	C.3: Mandatory to support at least one IF MICP 2/2 "Profile supported over LE", otherwise not defined.
6/5	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 5.1	C.3	☑	C.3: Mandatory to support at least one IF MICP 2/2 "Profile supported over LE", otherwise not defined.
6/6	LE security mode 1 level 4	[1] 5	C.3	☑	C.3: Mandatory to support at least one IF MICP 2/2 "Profile supported over LE", otherwise not defined.
6/8	Minimum 128 Bit entropy key (LE)	[1] 5.1	C.6	☑	C.6: Mandatory IF MICP 6/4 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR MICP 6/5 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
6/13	LE Secure Connections	[1] 5.1	C.7	☑	C.7: Mandatory to support at least one IF MICP 2/2 "Profile supported over LE", otherwise not defined.

Table 8: Microphone Controller, X.Y Versions

Prerequisite: MICP 1/2 "Microphone Controller"

Item	Capability	Reference	Support	Status	Comment
8/1	MICP v1.0	[1]	M	☑	

Table 10: Service Requirements

Prerequisite: MICP 1/2 "Microphone Controller"

Item	Capability	Reference	Support	Status	Comment
10/1	Discover Microphone Control Service	[1] 4	M	☑	
10/2	Discover Audio Input Control Service	[1] 4	O	☑	

Table 11: Microphone Control Service Characteristic Discovery Requirements

Prerequisite: MICP 10/1 "Discover Microphone Control Service"

Item	Capability	Reference	Support	Status	Comment
11/1	Mute	[1] 4.3.1	M	☑	

Table 12: Microphone Control Service Procedures Support Requirements

Prerequisite: MICP 10/1 "Discover Microphone Control Service"

Item	Capability	Reference	Support	Status	Comment
12/1	Configure Mute Notifications	[1] 4.4.1	O	☑	
12/2	Read Mute	[1] 4.4.1	M	☑	
12/3	Set Mute	[1] 4.4.1	O	☑	

Table 13: Audio Input Control Service Characteristic Discovery Requirements

Prerequisite: MICP 10/2 "Discover Audio Input Control Service"

Item	Capability	Reference	Support	Status	Comment
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13/1	Audio Input State	[1] 4.3.2	C.1	☑	C.1: Mandatory IF MICP 14/7 "Set Gain Setting" OR MICP 14/8 "Mute" OR MICP 14/9 "Unmute" OR MICP 14/10 "Set Manual Gain Mode" OR MICP 14/11 "Set Automatic Gain Mode", otherwise Optional.
13/2	Gain Setting Properties	[1] 4.3.2	C.1	☑	C.1: Mandatory IF MICP 14/7 "Set Gain Setting" OR MICP 14/8 "Mute" OR MICP 14/9 "Unmute" OR MICP 14/10 "Set Manual Gain Mode" OR MICP 14/11 "Set Automatic Gain Mode", otherwise Optional.
13/3	Audio Input Type	[1] 4.3.2	O	☑	
13/4	Audio Input Status	[1] 4.3.2	O	☑	
13/5	Audio Input Control Point	[1] 4.3.2	O	☑	
13/6	Audio Input Description	[1] 4.3.2	O	☑	

Table 14: Audio Input Control Service Procedures Requirements

Prerequisite: MICP 10/2 "Discover Audio Input Control Service"

Item	Capability	Reference	Support	Status	Comment
14/1	Configure Input State Notifications	[1] 4.5.1	C.1	☑	C.1: Mandatory IF MICP 14/7 "Set Gain Setting" OR MICP 14/8 "Mute" OR MICP 14/9 "Unmute" OR MICP 14/10 "Set Manual Gain Mode" OR MICP 14/11 "Set Automatic Gain Mode", otherwise Optional.
14/2	Read Audio Input State	[1] 4.5.2	C.1	☑	C.1: Mandatory IF MICP 14/7 "Set Gain Setting" OR MICP 14/8 "Mute" OR MICP 14/9 "Unmute" OR MICP 14/10 "Set Manual Gain Mode" OR MICP 14/11 "Set Automatic Gain Mode", otherwise Optional.
14/3	Read Gain Setting Properties	[1] 4.5.3	O	☑	
14/4	Read Audio Input Type	[1] 4.5.4	O	☑	
14/5	Configure Audio Input Status Notifications	[1] 4.5.5	O	☑	
14/6	Read Audio Input Status	[1] 4.5.6	O	☑	
14/7	Set Gain Setting	[1] 4.5.7.1	O	☑	
14/8	Mute	[1] 4.5.7.3	O	☑	
14/9	Unmute	[1] 4.5.7.2	O	☑	
14/10	Set Manual Gain Mode	[1] 4.5.7.4	O	☑	
14/11	Set Automatic Gain Mode	[1] 4.5.7.5	O	☑	
14/12	Configure Audio Input Description Notifications	[1] 4.5.8	O	☑	
14/13	Read Audio Input Description	[1] 4.5.9	O	☑	
14/14	Set Audio Input Description	[1] 4.5.10	O	☑	

Table 15: Microphone Controller GATT Requirements

Prerequisite: MICP 1/2 "Microphone Controller"

Item	Capability	Reference	Support	Status	Comment
15/1	Discover All Primary Services	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.

15/2	Discover Primary Services by Service UUID	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.
15/3	Find Included Services	[1] 4.1	C.2	☑	C.2: Mandatory IF MICP 14/1 "Configure Input State Notifications" OR MICP 14/2 "Read Audio Input State" OR MICP 14/3 "Read Gain Setting Properties" OR MICP 14/4 "Read Audio Input Type" OR MICP 14/5 "Configure Audio Input Status Notifications" OR MICP 14/6 "Read Audio Input Status" OR MICP 14/7 "Set Gain Setting" OR MICP 14/8 "Mute" OR MICP 14/9 "Unmute" OR MICP 14/10 "Set Manual Gain Mode" OR MICP 14/11 "Set Automatic Gain Mode" OR MICP 14/12 "Configure Audio Input Description Notifications" OR MICP 14/13 "Read Audio Input Description" OR MICP 14/14 "Set Audio Input Description", otherwise Optional.
15/4	Discover All Characteristics of a Service	[1] 4.1	C.3	☑	C.3: Mandatory to support at least one.
15/5	Discover Characteristics by UUID	[1] 4.1	C.3	☑	C.3: Mandatory to support at least one.
15/6	Discover All Characteristic Descriptors	[1] 4.1	M	☑	
15/7	Read Characteristic Value	[1] 4.1	M	☑	
15/8	Write Characteristic Value	[1] 4.1	M	☑	
15/9	Notifications	[1] 4.1	M	☑	
15/10	Read Characteristic Descriptors	[1] 4.1	M	☑	
15/11	Write Characteristic Descriptors	[1] 4.1	M	☑	

Table 16: GAP Requirements - Microphone Controller Role

Prerequisite: MICP 1/2 "Microphone Controller"

Item	Capability	Reference	Support	Status	Comment
16/1	Bondable mode (LE)	[1] 5.1	C.1	☑	C.1: Mandatory IF MICP 2/2 "Profile supported over LE", otherwise not defined.
16/3	LE security mode 1	[1] 5	C.1	☑	C.1: Mandatory IF MICP 2/2 "Profile supported over LE", otherwise not defined.
16/4	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5	O	☑	
16/5	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 5	O	☑	
16/6	LE security mode 1 level 4	[1] 5	O	☑	
16/7	Minimum 128 Bit entropy key (LE)	[1] 5.1	C.3	☑	C.3: Mandatory IF MICP 16/4 "Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only" OR MICP 16/5 "Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only", otherwise not defined.
16/13	LE Secure Connections	[1] 5.1	C.6	☑	C.6: Mandatory to support at least one IF MICP 2/2 "Profile supported over LE", otherwise not defined.

Microphone Control Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	MICS v1.0	[1] 2.1	M	☑	

Table 1: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Microphone Control Service Requirements

Item	Capability	Reference	Support	Status	Comment
2/1	Mute Characteristic	[1] 3.1.1	M	☑	

Table 3: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
3/1	Write Characteristic Value	[1] 1.4	M	☑	
3/2	Notifications	[1] 1.4	M	☑	
3/3	Read Characteristic Descriptors	[1] 1.4	M	☑	
3/4	Write Characteristic Descriptors	[1] 1.4	M	☑	
3/6	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF MICS 1/2 "Service supported over LE", otherwise not defined.

Table 4: SDP Requirements

Prerequisite: MICS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Published Audio Capabilities Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	PACS v1.0	[1]	M	☑	

Table 1: X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
1/2	PACS v1.0.2	[5]	C.1	☑	C.1: Optional to support one and only one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 3: Published Audio Capabilities Service

Item	Capability	Reference	Support	Status	Comment
3/1	Sink PAC Characteristic	[1] 3.1.1	C.1	☑	C.1: Mandatory to support at least one.

3/2	Sink Audio Locations Characteristic	[1] 3.2.1	C.2	☑	C.2: Optional IF PACS 3/1 "Sink PAC Characteristic", otherwise Excluded.
3/3	Source PAC Characteristic	[1] 3.3.1	C.1	☑	C.1: Mandatory to support at least one.
3/4	Source Audio Locations Characteristic	[1] 3.4.1	C.3	☑	C.3: Optional IF PACS 3/3 "Source PAC Characteristic", otherwise Excluded.
3/5	Available Audio Contexts Characteristic	[1] 3.5.1	M	☑	
3/6	Supported Audio Contexts Characteristic	[1] 3.6.1	M	☑	

Table 4: Service Requirements

Item	Capability	Reference	Support	Status	Comment
4/13	Changeable Available Audio Contexts Characteristic	[1] 3.5.1	M	☑	
4/14	Notifiable Available Audio Contexts Characteristic	[1] 3.5.1	M	☑	

Table 5: GAP Requirements

Item	Capability	Reference	Support	Status	Comment
5/1	Bondable mode (LE)	[1] 3	C.1	☑	C.1: Optional IF PACS 2/2 "Service supported over LE", otherwise not defined.

Table 6: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
6/1	Read Characteristic Descriptors	[1] 1.4	M	☑	
6/2	Write Characteristic Descriptors	[1] 1.4	M	☑	
6/3	Notifications	[1] 1.4	M	☑	
6/4	Write Characteristic Value	[1] 1.4	M	☑	
6/7	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF PACS 2/2 "Service supported over LE", otherwise not defined.

Table 7: SDP Requirements

Prerequisite: PACS 2/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Public Broadcast Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Public Broadcast Source	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
1/2	Public Broadcast Sink	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1] 2.3, [4] 2.4	M	☑	

Table 3: X.Y Versions

Prerequisite: PBP 1/1 "Public Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
3/1	PBP v1.0	[1]	M	☑	

Table 4: X.Y.Z Versions

Prerequisite: PBP 1/1 "Public Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
4/1	PBP v1.0.1	[4]	O	☑	

Table 5: Public Broadcast Source Role - Support Requirements

Prerequisite: PBP 1/1 "Public Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
5/1	Initiator	[1] 3.1.1, [4] 3.1	M	☑	
5/2	BAP Broadcast Source	[1] 2.1, [4] 3.1	M	☑	

Table 6: Public Broadcast Source Role - Features

Prerequisite: PBP 1/1 "Public Broadcast Source"

Item	Capability	Reference	Support	Status	Comment
6/1	Transmit Program_Info Metadata	[1] 3.1.2, [4] 3.2.2	O	☑	
6/2	BAP Broadcast Audio Stream Metadata Update	[1] 3.1.2, [4] 3.2.2	C.1	☑	C.1: Mandatory IF PBP 6/1 "Transmit Program_Info Metadata", otherwise not defined.
6/3	Public Broadcast Announcement	[1] 4	M	☑	
6/4	Standard Quality Public Broadcast Audio	[1] 4.1	M	☑	
6/7	Unencrypted Broadcast Isochronous Stream	[1] 4	C.2	☑	C.2: Mandatory to support at least one.
6/8	Broadcast Name AD Type	[1] 5	M	☑	

Table 7: Standard Quality Public Broadcast Audio Configuration Support Requirements

Prerequisite: PBP 6/4 "Standard Quality Public Broadcast Audio"

Item	Capability	Reference	Support	Status	Comment
7/1	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 4.2	M	☑	
7/3	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 4.2	M	☑	

Table 8: High Quality Public Broadcast Audio Configuration Support Requirements

Prerequisite: PBP 6/5 "High Quality Public Broadcast Audio"

Item	Capability	Reference	Support	Status	Comment
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Table 9: X.Y Versions

Prerequisite: PBP 1/2 "Public Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
9/1	PBP v1.0	[1]	M	☑	

Table 10: X.Y.Z Versions

Prerequisite: PBP 1/2 "Public Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
10/1	PBP v1.0.1	[4]	O	☑	

Table 11: Public Broadcast Sink Role - Support Requirements

Prerequisite: PBP 1/2 "Public Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
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11/1	Acceptor	[1] 3.2.1, [4] 3.1	M	☑
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11/2	BAP Broadcast Sink	[1] 3.2.1, [4] 3.1	M	☑
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Table 12: Public Broadcast Sink Role - Features

Prerequisite: PBP 1/2 "Public Broadcast Sink"

Item	Capability	Reference	Support	Status	Comment
12/1	Standard Quality Public Broadcast Audio	[1] 4.1	M	☑	

Table 13: Standard Quality Public Broadcast Audio configuration support requirements

Prerequisite: PBP 12/1 "Standard Quality Public Broadcast Audio"

Item	Capability	Reference	Support	Status	Comment
13/1	16_2_1 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 4.2	M	☑	
13/2	24_2_1 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 10 Max_Transport_Latency	[1] 4.2	M	☑	
13/3	16_2_2 LC3: 10000 SDU Interval, unframed, 40 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 4.2	M	☑	
13/4	24_2_2 LC3: 10000 SDU Interval, unframed, 60 Max SDU Size, 4 RTN, 60 Max_Transport_Latency	[1] 4.2	M	☑	

Table 14: High Quality Public Broadcast Audio Configuration Support Requirements

Prerequisite: PBP 12/2 "High Quality Public Broadcast Audio"

Item	Capability	Reference	Support	Status	Comment
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Table 15: X.Y Versions

Prerequisite: PBP 1/3 "Public Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
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Table 16: X.Y.Z Versions

Prerequisite: PBP 1/3 "Public Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
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Table 17: Public Broadcast Assistant Role - Support Requirements

Prerequisite: PBP 1/3 "Public Broadcast Assistant"

Item	Capability	Reference	Support	Status	Comment
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BR/EDR Radio Physical Layer

Table 1: RF Capabilities

Item	Capability	Reference	Support	Status	Comment
1/1	Power Class 1	[1] 3	C.5	☑	C.5: Mandatory to support at least one.
1/4	Power Control	[1] 3	C.1	☑	C.1: Mandatory IF RF 1/1 "Power Class 1", otherwise Optional IF RF 1/2 "Power Class 2" OR RF 1/3 "Power Class 3", otherwise Excluded.
1/5	1-slot packets supported	[2] 6.5	M	☑	
1/6	3-slot packets supported	[2] 6.5	O	☑	
1/7	5-slot packets supported	[2] 6.5	O	☑	
1/8	79 Channels	[1] 2	M	☑	
1/9	Support for GFSK modulation	[1] 3.1	M	☑	

1/10	Support for $\pi/4$ -DQPSK modulation	[1] 3.2	O	☑	
1/11	Support for 8DPSK modulation	[1] 3.2	C.3	☑	C.3: Optional IF RF 1/10 "Support for $\pi/4$ -DQPSK modulation", otherwise Excluded.
1/12	Enhanced Power Control	[1] 3	C.4	☑	C.4: Optional IF RF 1/4 "Power Control", otherwise Excluded.

RFCOMM

Table 0: Major Versions (X.Y)

Item	Capability	Reference	Support	Status	Comment
0/2	RFCOMM v1.2 with TS 07.10	[1]	C.1	☑	C.1: Mandatory to support one and only one of RFCOMM 0/1 "RFCOMM v1.1 with TS 07.10" OR RFCOMM 0/2 "RFCOMM v1.2 with TS 07.10".

Table 1: Supported Procedures

Item	Capability	Reference	Support	Status	Comment
1/1	Initialize RFCOMM Session	[1] 5.2.1	C.5	☑	C.5: Mandatory to support at least one of RFCOMM 1/1 "Initialize RFCOMM Session" OR RFCOMM 1/2 "Respond to Initialization of an RFCOMM Session".
1/2	Respond to Initialization of an RFCOMM Session	[1] 5.2.1	C.5	☑	C.5: Mandatory to support at least one of RFCOMM 1/1 "Initialize RFCOMM Session" OR RFCOMM 1/2 "Respond to Initialization of an RFCOMM Session".
1/3	Shutdown RFCOMM Session	[1] 5.2.2	M	☑	
1/4	Respond to a Shutdown of an RFCOMM Session	[1] 5.2.2	M	☑	
1/5	Establish DLC	[1] 5.2.1	C.2	☑	C.2: Mandatory IF RFCOMM 1/1 "Initialize RFCOMM Session", otherwise Excluded.
1/6	Respond to Establishment of a DLC	[1] 5.2.1	C.1	☑	C.1: Mandatory IF RFCOMM 1/2 "Respond to Initialization of an RFCOMM Session", otherwise Excluded.
1/7	Disconnect DLC	[1] 5.2	M	☑	
1/8	Respond to Disconnection of a DLC	[1] 5.2	M	☑	
1/9	Respond to and send MSC Command	[1] 2.2	M	☑	
1/10	Initiate Transfer Information	[1] 5.1	M	☑	
1/11	Respond to Test Command	[1] 4.3	M	☑	
1/13	React to Aggregate Flow Control	[1] 6.3	M	☑	
1/14	Respond to RLS Command	[1] 5.5.2	M	☑	
1/16	Respond to PN Command	[1] 5.5.3	M	☑	
1/17	Send PN Command	[1] 5.5.3	C.3	☑	C.3: Mandatory IF RFCOMM 1/1 "Initialize RFCOMM Session", otherwise Optional.
1/18	Send Non-Supported Command (NSC) response	[1] 4.3	C.4	☑	C.4: Mandatory IF RFCOMM 0/2 "RFCOMM v1.2 with TS 07.10", otherwise Optional.
1/19	Respond to RPN Command	[1] 5.5.1	M	☑	
1/22	Support of Credit Based Flow Control	[1] 6.5	M	☑	

LE Radio Physical Layer

Table 1: Bluetooth LE RF Capabilities

Item	Capability	Reference	Support	Status	Comment
1/1	LE Transmitter	[1] 3	C.1	☑	C.1: Mandatory to support at least one. Note: Selecting both RFPHY 1/1 "LE Transmitter" and RFPHY 1/2 "LE Receiver" is equivalent to selecting RFPHY 1/3 "LE Transceiver" and vice versa.
1/2	LE Receiver	[1] 4	C.1	☑	C.1: Mandatory to support at least one. Note: Selecting both RFPHY 1/1 "LE Transmitter" and RFPHY 1/2 "LE Receiver" is equivalent to selecting RFPHY 1/3 "LE Transceiver" and vice versa.
1/3	LE Transceiver	[1] 3, 4	C.1	☑	C.1: Mandatory to support at least one. Note: Selecting both RFPHY 1/1 "LE Transmitter" and RFPHY 1/2 "LE Receiver" is equivalent to selecting RFPHY 1/3 "LE Transceiver" and vice versa.
1/4	LE 2M PHY	[2] 3, 4	C.2	☑	C.2: Optional IF CORE 1a/50 "Controller Core v5.0 or later", otherwise Excluded.
1/5	Stable Modulation Index - Transmitter	[2] 3.1.1	C.3	☑	C.3: Optional IF CORE 1a/50 "Controller Core v5.0 or later" AND (RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver"), otherwise Excluded.
1/6	Stable Modulation Index - Receiver	[2] 3.1.1	C.4	☑	C.4: Optional IF CORE 1a/50 "Controller Core v5.0 or later" AND (RFPHY 1/2 "LE Receiver" OR RFPHY 1/3 "LE Transceiver"), otherwise Excluded.
1/15	Power Class 1	[4] 4.6	C.9	☑	C.9: Optional IF (CORE 1a/50 "Controller Core v5.0 or later" OR CORE 1c/1 "Core Specification Addendum 5") AND (RFPHY 1/1 "LE Transmitter" OR RFPHY 1/3 "LE Transceiver"), otherwise Excluded.

Table 3: Channel Sounding Capabilities

Prerequisite: ((RFPHY 1/1 "LE Transmitter" AND RFPHY 1/2 "LE Receiver") OR RFPHY 1/3 "LE Transceiver") AND RFPHY 1/16 "Channel Sounding"

Item	Capability	Reference	Support	Status	Comment
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Service Discovery Protocol

Table 1b: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1b/1	Server	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
1b/2	Client	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Service Search Response

Prerequisite: SDP 1b/1 "Server"

Item	Capability	Reference	Support	Status	Comment
2/1	Service Search Response	[1] 4.5.2	M	☑	
2/2	Generates continuation state in Service Search Response	[1] 4.3, 4.5.2	O	☑	

Table 4: Service Attribute Response

Prerequisite: SDP 1b/1 "Server"

Item	Capability	Reference	Support	Status	Comment
4/1	Service Attribute Response	[1] 4.6.2	M	☑	
4/2	Generates continuation state in Service Attribute Response	[1] 4.3, 4.6.2	O	☑	

Table 6: Service Search Attribute Response

Prerequisite: SDP 1b/1 "Server"

Item	Capability	Reference	Support	Status	Comment
6/1	Service Search Attribute Response	[1] 4.7.2	M	☑	
6/2	Generates continuation state in Service Search Attribute Response	[1] 4.3, 4.7.2	O	☑	

Table 7: Invalid Service Search Attribute Request

Prerequisite: SDP 1b/1 "Server"

Item	Capability	Reference	Support	Status	Comment
7/1	Error response to Service Search Attribute Request	[1] 4.4	M	☑	

Table 8: Service Browsing

Prerequisite: SDP 1b/1 "Server"

Item	Capability	Reference	Support	Status	Comment
8/1	Browsing, using SDP_ServiceSearchRequest and SDP_ServiceAttributeRequest	[1] 2.6, 4.5, 4.6	O	☑	
8/2	Browsing, using SDP_ServiceSearchAttributeRequest	[1] 2.6, 4.7	O	☑	

Table 9: Attributes Present in IUT

Prerequisite: SDP 1b/1 "Server"

Item	Capability	Reference	Support	Status	Comment
9/2	ProtocolDescriptorList	[1] 5.1.5	O	☑	
9/5	BrowseGroupList	[1] 5.1.7	O	☑	
9/6	LanguageBaseAttributeldList	[1] 5.1.8	O	☑	
9/9	ServiceName	[1] 5.1.15	O	☑	
9/14	BluetoothProfileDescriptorList	[1] 5.1.11	O	☑	
9/17	AdditionalProtocolDescriptorList	[1] 5.1.6	C.1	☑	C.1: Optional IF SDP 9/2 "ProtocolDescriptorList", otherwise Excluded.
9/18	ServiceRecordHandle	[1] 5.1.1	M	☑	
9/19	ServiceClassIDList	[1] 5.1.2	M	☑	

Table 10: Service Attribute Request

Prerequisite: SDP 1b/2 "Client"

Item	Capability	Reference	Support	Status	Comment
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Table 11: Service Search Attribute Request

Prerequisite: SDP 1b/2 "Client"

Item	Capability	Reference	Support	Status	Comment
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BR/EDR Security

Table 1: Security Mechanisms

Item	Capability	Reference	Support	Status	Comment
1/1	Legacy Security	[1] 1	M	☑	
1/2	Secure Simple Pairing	[1] 1	M	☑	
1/3	Secure Connections	[1] 1	O	☑	

Table 2: Security Algorithms

Item	Capability	Reference	Support	Status	Comment
2/1	E0 encryption	[1] 1	C.1	☑	C.1: Mandatory IF SEC 1/1 "Legacy Security" OR SEC 1/2 "Secure Simple Pairing", otherwise Excluded.
2/2	AES-CCM encryption	[1] 1	C.2	☑	C.2: Mandatory IF SEC 1/3 "Secure Connections", otherwise Excluded.
2/3	Legacy authentication	[1] 1	C.1	☑	C.1: Mandatory IF SEC 1/1 "Legacy Security" OR SEC 1/2 "Secure Simple Pairing", otherwise Excluded.
2/3a	Secure Simple Pairing Authentication	[1] 1	C.5	☑	C.5: Mandatory IF SEC 1/2 "Secure Simple Pairing" OR SEC 1/3 "Secure Connections", otherwise Excluded.

2/4	Secure authentication	[1] 1	C.2	☑	C.2: Mandatory IF SEC 1/3 "Secure Connections", otherwise Excluded.
2/5	E3 key generation	[1] 1	C.3	☑	C.3: Mandatory IF SEC 1/1 "Legacy Security", otherwise Excluded.
2/6	AES key generation h3	[1] 1	C.5	☑	C.5: Mandatory IF SEC 1/2 "Secure Simple Pairing" OR SEC 1/3 "Secure Connections", otherwise Excluded.
2/7	P-192 elliptic curve	[1] 1	C.4	☑	C.4: Mandatory IF SEC 1/2 "Secure Simple Pairing", otherwise Excluded.
2/8	P-256 elliptic curve	[1] 1	C.2	☑	C.2: Mandatory IF SEC 1/3 "Secure Connections", otherwise Excluded.

Table 3: Broadcast Encryption Options

Item	Capability	Reference	Support	Status	Comment
3/1	No encryption	[1] 4.2	M	☑	
3/2	Point-to-point only encryption	[1] 4.2	M	☑	
3/3	Point-to-point and broadcast encryption	[1] 4.2	C.1	☑	C.1: Excluded IF NOT SEC 4/4 "Broadcast encryption", otherwise Mandatory IF SEC 1/1 "Legacy Security" OR SEC 1/2 "Secure Simple Pairing", otherwise Optional.

Table 4: LMP Requirements

Item	Capability	Reference	Support	Status	Comment
4/1	Encryption	[1] 1	M	☑	
4/2	Secure Simple Pairing (Controller Support)	[1] 1	C.1	☑	C.1: Mandatory IF SEC 1/2 "Secure Simple Pairing", otherwise not defined.
4/3	Secure Connections (Controller Support)	[1] 1	C.2	☑	C.2: Mandatory IF SEC 1/3 "Secure Connections", otherwise not defined.
4/4	Broadcast encryption	[1] 4.2	C.3	☑	C.3: Mandatory IF SEC 3/3 "Point-to-point and broadcast encryption", otherwise not defined.
4/5	AES CCM Encryption	[1] 1	C.4	☑	C.4: Mandatory IF SEC 2/2 "AES-CCM encryption", otherwise not defined.

Security Manager

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Central Role (Initiator)	[1] 2.4	C.1	☑	C.1: Mandatory to support at least one.
1/2	Peripheral Role (Responder)	[1] 2.4	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Security Properties

Item	Capability	Reference	Support	Status	Comment
2/1	Authenticated MITM protection	[1] 2.3.1	O	☑	
2/2	Unauthenticated no MITM protection	[1] 2.3.1	C.1	☑	C.1: Mandatory IF SM 2/1 "Authenticated MITM protection", otherwise Optional.
2/3	No security requirements	[1] 2.3.1	M	☑	
2/5	LE Secure Connections	[1] 2.3.1	O	☑	

Table 3: Encryption Key Size

Prerequisite: SM 2/1 "Authenticated MITM protection" OR SM 2/2 "Unauthenticated no MITM protection" OR SM 4/3 "Out of Band"

Item	Capability	Reference	Support	Status	Comment
3/1	Encryption Key Size	[1] 2.3.4	M	☑	

Table 4: Pairing Method

Item	Capability	Reference	Support	Status	Comment
4/1	Just Works	[1] 2.3.5	O	☑	
4/2	Passkey Entry	[1] 2.3.5	C.1	☑	C.1: Mandatory to support at least one IF SM 2/1 "Authenticated MITM protection", otherwise Excluded.

Table 5: Security Initiation

Item	Capability	Reference	Support	Status	Comment
5/1	Encryption Setup using STK	[1] 2.4	C.3	☑	C.3: Mandatory IF SM 2/1 "Authenticated MITM protection" OR SM 2/2 "Unauthenticated no MITM protection" OR SM 4/3 "Out of Band", otherwise Excluded.
5/2	Encryption Setup using LTK	[1] 2.4	O	☑	
5/3	Peripheral Initiated Security	[1] 2.4.6	C.1	☑	C.1: Optional IF SM 1/2 "Peripheral Role (Responder)", otherwise Excluded.
5/4	Peripheral Initiated Security - Central response	[1] 2.4.6	C.2	☑	C.2: Mandatory IF SM 1/1 "Central Role (Initiator)", otherwise Excluded.
5/5	CT2 bit	[2] 2.4.2.4, 3.5.2	C.4	☑	C.4: Excluded IF NOT SM 8a/1 "Cross Transport Key Derivation Supported" AND NOT SM 8b/1 "Cross Transport Key Derivation Supported", otherwise Mandatory IF CORE 2a/50 "Host Core v5.0 or later", otherwise Optional.

Table 6: Signing Algorithm

Item	Capability	Reference	Support	Status	Comment
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Table 7a: Key Distribution by Central

Prerequisite: SM 1/1 "Central Role (Initiator)"

Item	Capability	Reference	Support	Status	Comment
7a/1	Encryption Key	[1] 2.4.3	O	☑	
7a/3	Signing Key	[1] 2.4.3	O	☑	

Table 7b: Key Distribution by Peripheral

Prerequisite: SM 1/2 "Peripheral Role (Responder)"

Item	Capability	Reference	Support	Status	Comment
7b/1	Encryption Key	[1] 2.4.3	O	☑	
7b/3	Signing Key	[1] 2.4.3	O	☑	

Table 8a: Cross-Transport Key Derivation by Central

Prerequisite: SM 1/1 "Central Role (Initiator)"

Item	Capability	Reference	Support	Status	Comment
8a/1	Cross Transport Key Derivation Supported	[1] 2.3.5.7	C.1	☑	C.1: Optional IF SM 2/5 "LE Secure Connections", otherwise Excluded.
8a/3	Derivation of BR/EDR Link Key from LE LTK	[1] 2.4.2.4	C.2	☑	C.2: Mandatory to support at least one IF SM 8a/1 "Cross Transport Key Derivation Supported", otherwise Excluded.

Table 8b: Cross-Transport Key Derivation by Peripheral

Prerequisite: SM 1/2 "Peripheral Role (Responder)"

Item	Capability	Reference	Support	Status	Comment
8b/1	Cross Transport Key Derivation Supported	[1] 2.3.5.7	C.1	☑	C.1: Optional IF SM 2/5 "LE Secure Connections", otherwise Excluded.

8b/3	Derivation of BR/EDR Link Key from LE LTK	[1] 2.4.2.4	C.2	☑	C.2: Mandatory to support at least one IF SM 8b/1 "Cross Transport Key Derivation Supported", otherwise Excluded.
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Serial Port Profile

Table 0: Major Versions (X.Y)

Item	Capability	Reference	Support	Status	Comment
0/2	SPP v1.2	SPP v1.2	C.1	☑	C.1: Mandatory to support one and only one major version.

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Device A (DevA)	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one of SPP 1/1 "Device A (DevA)" OR SPP 1/2 "Device B (DevB)".
1/2	Device B (DevB)	[1] 2.2	C.1	☑	C.1: Mandatory to support at least one of SPP 1/1 "Device A (DevA)" OR SPP 1/2 "Device B (DevB)".

Table 2: Serial Port Service Support

Item	Capability	Reference	Support	Status	Comment
2/1	Support of SPP as a standalone profile	[1] 1.2	O	☑	
2/1a	SPP as a standalone profile - Device A (DevA)	[1] 1.2	C.2, C.3	☑	C.2: Mandatory to support at least one of SPP 2/1a "SPP as a standalone profile - Device A (DevA)" OR SPP 2/1b "SPP as a standalone profile - Device B (DevB)" IF SPP 2/1 "Support of SPP as a standalone profile" is supported, otherwise Excluded. C.3: Optional IF SPP 1/1 "Device A (DevA)" is supported, otherwise Excluded.
2/1b	SPP as a standalone profile - Device B (DevB)	[1] 1.2	C.2, C.4	☑	C.2: Mandatory to support at least one of SPP 2/1a "SPP as a standalone profile - Device A (DevA)" OR SPP 2/1b "SPP as a standalone profile - Device B (DevB)" IF SPP 2/1 "Support of SPP as a standalone profile" is supported, otherwise Excluded. C.4: Optional IF SPP 1/2 "Device B (DevB)" is supported, otherwise Excluded.

Table 3: Application Procedures

Item	Capability	Reference	Support	Status	Comment
3/1	Establish link and set up virtual serial connection	[1] 3.1	C.1	☑	C.1: Mandatory IF SPP 1/1 "Device A (DevA)" is supported, otherwise Optional.
3/2	Accept link and virtual serial connection establishment	[1] 3.1	C.2	☑	C.2: Mandatory IF SPP 1/2 "Device B (DevB)" is supported, otherwise Optional.
3/3	Register Service record for application in local SDP database	[1] 3.1	C.3	☑	C.3: Mandatory IF SPP 2/1b "SPP as a standalone profile - Device B (DevB)" is supported, otherwise Optional.

Table 4: SDP Dependencies

Prerequisite: SPP 2/1b "SPP as a standalone profile - Device B (DevB)"

Item	Capability	Reference	Support	Status	Comment
4/1	ServiceClassIDList	[1] 6.1	M	☑	
4/2	ProtocolDescriptorList	[1] 6.1	M	☑	
4/5	ServiceName	[1] 6.1	O	☑	
4/6	BluetoothProfileDescriptorList	[1] 6.1	M	☑	

Telephone Bearer Service

Table 0b: Service Requirements

Item	Capability	Reference	Support	Status	Comment
0b/1	Telephone Bearer Service	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.
0b/2	Generic Telephone Bearer Service	[1] 2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 0: X.Y Versions

Prerequisite: TBS 0b/1 "Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
0/1	TBS v1.0	[1] 2.3.1	M	☑	

Table 1: Transport Requirements

Prerequisite: TBS 0b/1 "Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
1/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Telephone Bearer Service Requirements

Prerequisite: TBS 0b/1 "Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
2/1	Telephone Bearer Service	[1] 2.3.1	M	☑	
2/2	Bearer Provider Name Characteristic	[1] 3.1	M	☑	
2/4	Bearer UCI Characteristic	[1] 3.2	M	☑	
2/5	Bearer Technology Characteristic	[1] 3.3	M	☑	
2/6	Bearer URI Schemes Supported List Characteristic	[1] 3.4	M	☑	
2/7	Bearer URI Schemes Supported List Notification	[1] 3.4	O	☑	
2/9	Bearer Signal Strength Characteristic	[1] 3.5	O	☑	
2/10	Bearer Signal Strength Reporting Interval Characteristic	[1] 3.6	C.2	☑	C.2: Mandatory IF TBS 2/9 "Bearer Signal Strength Characteristic", otherwise Excluded.
2/11	Bearer List Current Calls Characteristic	[1] 3.7	M	☑	
2/13	Content Control ID Characteristic	[1] 3.8	M	☑	
2/14	Status Flags Characteristic	[1] 3.9	M	☑	
2/15	Incoming Call Target Bearer URI Characteristic	[1] 3.10	O	☑	
2/17	Call State Characteristic	[1] 3.11	M	☑	
2/19	Call Control Point Characteristic	[1] 3.12	M	☑	
2/20	Call Control Point Optional Opcodes Characteristic	[1] 3.13	M	☑	
2/21	Termination Reason Characteristic	[1] 3.14	M	☑	
2/22	Incoming Call Characteristic	[1] 3.15	M	☑	
2/24	Call Friendly Name Characteristic	[1] 3.16	O	☑	

Table 3: Call Control Point Opcode Requirements

Prerequisite: TBS 2/19 "Call Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
3/1	Accept	[1] 3.12.1.1	M	☑	
3/2	Terminate	[1] 3.12.1.2	M	☑	

3/3	Local Hold	[1] 3.12.1.3	O	☑
3/4	Local Retrieve	[1] 3.12.1.4	O	☑
3/5	Originate	[1] 3.12.1.5	M	☑

Table 4: GATT Requirements

Prerequisite: TBS 0b/1 "Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
4/1	Write Characteristic Value	[1] 1.4	M	☑	
4/2	Write without Response	[1] 1.4	M	☑	
4/3	Notifications	[1] 1.4	M	☑	
4/4	Read Characteristic Descriptors	[1] 1.4	M	☑	
4/5	Write Characteristic Descriptors	[1] 1.4	M	☑	
4/7	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF TBS 1/2 "Service supported over LE", otherwise not defined.

Table 5: SDP Requirements

Prerequisite: TBS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Table 20: X.Y Versions

Prerequisite: TBS 0b/2 "Generic Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
20/1	GTBS v1.0	[1] 2.3.1	M	☑	

Table 21: Transport Requirements

Prerequisite: TBS 0b/2 "Generic Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
21/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 22: Generic Telephone Bearer Service Requirements

Prerequisite: TBS 0b/2 "Generic Telephone Bearer Service"

Item	Capability	Reference	Support	Status	Comment
22/1	Generic Telephone Bearer Service	[1] 2.3.1	M	☑	
22/2	Bearer Provider Name Characteristic	[1] 3.1	M	☑	
22/4	Bearer UCI Characteristic	[1] 3.2	M	☑	
22/5	Bearer Technology Characteristic	[1] 3.3	M	☑	
22/6	Bearer URI Schemes Supported List Characteristic	[1] 3.4	M	☑	
22/11	Bearer List Current Calls Characteristic	[1] 3.7	M	☑	
22/13	Content Control ID Characteristic	[1] 3.8	M	☑	
22/14	Status Flags Characteristic	[1] 3.9	M	☑	
22/17	Call State Characteristic	[1] 3.11	M	☑	
22/19	Call Control Point Characteristic	[1] 3.12	M	☑	
22/20	Call Control Point Optional Opcodes Characteristic	[1] 3.13	M	☑	
22/21	Termination Reason Characteristic	[1] 3.14	M	☑	
22/22	Incoming Call Characteristic	[1] 3.15	M	☑	

Table 23: Call Control Point Opcode Requirements

Prerequisite: TBS 22/19 "Call Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
23/1	Accept	[1] 3.12.1.1	M	☑	
23/2	Terminate	[1] 3.12.1.2	M	☑	
23/5	Originate	[1] 3.12.1.5	M	☑	

Table 24: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
24/1	Write Characteristic Value	[1] 1.4	M	☑	
24/2	Write without Response	[1] 1.4	M	☑	
24/3	Notifications	[1] 1.4	M	☑	
24/4	Read Characteristic Descriptors	[1] 1.4	M	☑	
24/5	Write Characteristic Descriptors	[1] 1.4	M	☑	
24/7	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF TBS 21/2 "Service supported over LE", otherwise not defined.

Table 25: SDP Requirements

Prerequisite: TBS 21/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Telephony and Media Audio Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Call Gateway (CG)	[2] 3.1	C.1	☑	C.1: Mandatory to support at least one.
1/2	Call Terminal (CT)	[2] 3.1	C.1	☑	C.1: Mandatory to support at least one.
1/3	Unicast Media Sender (UMS)	[2] 3.1	C.1	☑	C.1: Mandatory to support at least one.
1/4	Unicast Media Receiver (UMR)	[2] 3.1	C.1	☑	C.1: Mandatory to support at least one.
1/5	Broadcast Media Sender (BMS)	[2] 3.1	C.1	☑	C.1: Mandatory to support at least one.
1/6	Broadcast Media Receiver (BMR)	[2] 3.1	C.1, C.2	☑	C.1: Mandatory to support at least one. C.2: Mandatory IF TMAP 1/4 "Unicast Media Receiver (UMR)", otherwise Optional.
1/7	TMA Client	[2] 3.8	O	☑	
1/8	TMA Server	[2] 3.8	C.3	☑	C.3: Excluded IF TMAP 1/5 "Broadcast Media Sender (BMS)" AND NOT GATT 1/2 "Generic Attribute Profile (GATT) Server", otherwise Mandatory.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[2] 4.3	M	☑	

Table 3: Device Configuration Requirements

Item	Capability	Reference	Support	Status	Comment
3/2	BR/EDR/LE	[2] 4.9	C.1	☑	C.1: Mandatory to support one and only one.

Table 10: X.Y Versions

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
10/1	TMAP v1.0	[2]	M	☑	

Table 12: Call Gateway Profile and Service Dependencies

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
12/1	Common Audio Profile	[2] 3.1	M	☑	
12/2	Basic Audio Profile	[2] 3.1	M	☑	
12/3	Call Control Profile	[2] 3.1	M	☑	

Table 13: Role Discovery Requirements

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
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Table 14: CG Inter-Layer Dependency Role Requirements

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
14/1	CAP Initiator	[2] 3.1	M	☑	
14/2	CAP Commander	[2] 3.1	M	☑	
14/3	CCP Call Control Server	[2] 3.1	M	☑	
14/4	VCP Volume Controller	[2] 3.1	M	☑	
14/5	Audio Source	[2] 3.1	M	☑	
14/6	Audio Sink	[2] 3.1	M	☑	
14/7	BAP Unicast Client	[2] 3.1	M	☑	

Table 15: Call Gateway Config Codec Operation Parameters

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
15/3	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets (Audio Source)	[2] 3.5.1.4.1	M	☑	
15/6	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets (Audio Sink)	[2] 3.5.1.4.1	M	☑	

Table 16: Call Gateway QoS Settings Requirements

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
16/3	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency (Audio Source)	[2] 3.5.1.4.2	M	☑	
16/6	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency (Audio Sink)	[2] 3.5.1.4.2	M	☑	

Table 17: Number of Concurrent Unicast Audio Streams, Channels, and Devices

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
17/1	Configuration A: 1 bidirectional stream between CG and CT	[2] 3.5.1.5	M	☑	

17/2	Configuration B: 1 stream with 1 channel from CG to CT, 1 stream with 1 channel from 2nd CT to CG.	[2] 3.5.1.5	M	☑
17/3	Configuration C: 1 stream with 1 channel from CG to CT, 1 bidirectional stream between CG and a 2nd CT	[2] 3.5.1.5	M	☑
17/4	Configuration D: 1 stream with 1 channel from CG to CT, 1 bidirectional stream between CG and same CT	[2] 3.5.1.5	M	☑

Table 18: Call Gateway PACS Characteristic Support Requirements

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
18/1	Sink Audio Locations characteristic	[2] 3.5.1.2	M	☑	
18/2	Source Audio Locations characteristic	[2] 3.5.1.2	M	☑	

Table 19: Call Gateway Audio Channel Allocation Audio Location Values

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
19/1	Front Left Audio Location	[2] 3.5.1.4.1	O	☑	
19/2	Front Right Audio Location	[2] 3.5.1.4.1	O	☑	

Table 20: Call Gateway Audio Input Features

Prerequisite: TMAP 1/1 "Call Gateway (CG)"

Item	Capability	Reference	Support	Status	Comment
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Table 30: X.Y Versions

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
30/1	TMAP v1.0	[2]	M	☑	

Table 32: UMS Profile and Service Dependencies

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
32/1	Common Audio Profile	[2] 3.1	M	☑	
32/2	Basic Audio Profile	[2] 3.1	M	☑	
32/3	Media Control Profile	[2] 3.1	M	☑	

Table 33: Role Discovery Requirements

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
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Table 34: UMS Inter-Layer Dependency Role Requirements

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
34/1	CAP Initiator	[2] 3.1	M	☑	
34/2	CAP Commander	[2] 3.1	M	☑	
34/3	MCP Media Control Server	[2] 3.1	M	☑	
34/4	VCP Volume Controller	[2] 3.1	M	☑	
34/5	Audio Source	[2] 3.1	M	☑	
34/6	BAP Unicast Client	[2] 3.1	M	☑	

Table 35: Unicast Media Sender Config Codec Operation Parameters

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
35/2	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[2] 3.5.1.4.1	M	☑	
35/4	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[2] 3.5.1.4.1	C.1	☑	C.1: Mandatory to support at least one.

Table 36: Unicast Media Sender QoS Settings Requirements

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
36/2	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[2] 3.5.1.4.2	M	☑	
36/4	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[2] 3.5.1.4.2	C.3	☑	C.3: Mandatory IF TMAP 35/4 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise not defined.
36/10	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[2] 3.5.1.4.2	M	☑	
36/12	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[2] 3.5.1.4.2	C.3	☑	C.3: Mandatory IF TMAP 35/4 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise not defined.

Table 37: Unicast Media Sender PACS Characteristic Support Requirements

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
37/1	Sink Audio Locations characteristic	[2] 3.5.1.2	M	☑	

Table 38: Unicast Media Sender Audio Channel Allocation Audio Location Values

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
38/1	Front Left Audio Location	[2] 3.5.1.4.1	M	☑	
38/2	Front Right Audio Location	[2] 3.5.1.4.1	M	☑	
38/3	Front Right and Front Left Audio Locations	[2] 3.5.1.4.1	C.1	☑	C.1: Mandatory IF TMAP 39/2 "AC 4: 1 Server, 1 Sink ASE, 2 Channels/Sink, 1 CIS, 1 Audio Stream", otherwise Excluded.

Table 39: Unicast Media Sender BAP Audio Configuration

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
39/1	Two Audio Channels	[2] 3.5.1.4.1	O	☑	
39/2	AC 4: 1 Server, 1 Sink ASE, 2 Channels/Sink, 1 CIS, 1 Audio Stream	[2] 3.5.1.4.1	C.1	☑	C.1: Optional IF TMAP 39/1 "Two Audio Channels", otherwise not defined.

Table 40: GMCS Generic Media Control Point Opcodes

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
40/1	Play	[2] 3.6.1	M	☑	
40/2	Pause	[2] 3.6.1	M	☑	

Table 41: Call Gateway Audio Input Features

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)"

Item	Capability	Reference	Support	Status	Comment
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Table 50: X.Y Versions

Prerequisite: TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
50/1	TMAP v1.0	[2]	M	☒	

Table 52: BMS Profile and Service Dependencies

Prerequisite: TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
52/1	Common Audio Profile	[2] 3.1	M	☒	
52/2	Basic Audio Profile	[2] 3.1	M	☒	

Table 53: Role Discovery Requirements

Prerequisite: TMAP 1/5 "Broadcast Media Sender (BMS)" AND TMAP 1/8 "TMA Server"

Item	Capability	Reference	Support	Status	Comment
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Table 54: BMS Inter-Layer Dependency Role Requirements

Prerequisite: TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
54/1	CAP Initiator	[2] 3.1	M	☒	
54/2	CAP Commander	[2] 3.1	C.1	☒	C.1: Mandatory IF TMAP 1/3 "Unicast Media Sender (UMS)", otherwise Optional.
54/3	BAP Broadcast Source	[2] 3.1	M	☒	
54/4	BAP Broadcast Assistant	[2] 3.5.2.5	C.2	☒	C.2: Mandatory IF TMAP 1/3 "Unicast Media Sender (UMS)", otherwise not defined.

Table 55: Broadcast Media Sender Codec Settings Requirements

Prerequisite: TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
55/1	48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets	[2] 3.5.2.1	M	☒	
55/2	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[2] 3.5.2.1	M	☒	
55/3	48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets	[2] 3.5.2.1	C.1	☒	C.1: Mandatory to support at least one.
55/4	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[2] 3.5.2.1	C.2	☒	C.2: Mandatory to support at least one.

Table 56: Broadcast Media Sender QoS Settings Requirements

Prerequisite: TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
56/1	48_1_1 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[2] 3.5.2.3	M	☒	
56/2	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[2] 3.5.2.3	M	☒	
56/3	48_3_1 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[2] 3.5.2.3	C.1	☒	C.1: Mandatory IF TMAP 55/3 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise not defined.
56/4	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[2] 3.5.2.3	C.2	☒	C.2: Mandatory IF TMAP 55/4 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise not defined.
56/9	48_1_2 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[2] 3.5.2.3	M	☒	

56/10	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
56/11	48_3_2 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[2] 3.5.2.3	C.1	☑	C.1: Mandatory IF TMAP 55/3 "48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets", otherwise not defined.
56/12	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[2] 3.5.2.3	C.2	☑	C.2: Mandatory IF TMAP 55/4 "48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets", otherwise not defined.

Table 57: Broadcast Media Sender Audio Channel Allocation Audio Location Values

Prerequisite: TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
57/1	Front Left Audio Location	[2] 3.5.2.2	M	☑	
57/2	Front Right Audio Location	[2] 3.5.2.2	M	☑	
57/3	Front Right and Front Left Audio Locations	[2] 3.5.2.2	O	☑	

Table 70: X.Y Versions

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
70/1	TMAP v1.0	[2]	M	☑	

Table 72: CT Profile and Service Dependencies

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
72/1	Common Audio Profile	[2] 3.1	M	☑	
72/2	Basic Audio Profile	[2] 3.1	M	☑	

Table 73: Role Discovery Requirements

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
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Table 74: CT Inter-Layer Dependency Role Requirements

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
74/1	CAP Acceptor	[2] 3.1	M	☑	
74/3	VCP Volume Renderer	[2] 3.1	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink", otherwise not defined.
74/4	BAP Audio Sink	[2] 3.1	C.2	☑	C.2: Mandatory to support at least one.
74/5	BAP Audio Source	[2] 3.1	C.2	☑	C.2: Mandatory to support at least one.
74/6	BAP Unicast Server	[2] 3.1	M	☑	

Table 75: Call Terminal PAC Records

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
75/1	16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets (Audio Sink)	[2] 3.5.1.1	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink", otherwise not defined.
75/2	32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets (Audio Sink)	[2] 3.5.1.1	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink", otherwise not defined.
75/3	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets (Audio Sink)	[2] 3.5.1.1	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink", otherwise not defined.
75/4	16_1 LC3: 16 kHz Sampling Frequency, 7.5 ms Frame Duration, 30 Octets (Audio Source)	[2] 3.5.1.1	C.2	☑	C.2: Mandatory IF TMAP 74/5 "BAP Audio Source", otherwise not defined.

75/5	32_1 LC3: 32 kHz Sampling Frequency, 7.5 ms Frame Duration, 60 Octets (Audio Source)	[2] 3.5.1.1	C.2	☑	C.2: Mandatory IF TMAP 74/5 "BAP Audio Source", otherwise not defined.
75/6	32_2 LC3: 32 kHz Sampling Frequency, 10 ms Frame Duration, 80 Octets (Audio Source)	[2] 3.5.1.1	C.2	☑	C.2: Mandatory IF TMAP 74/5 "BAP Audio Source", otherwise not defined.

Table 76: Call Terminal QoS Settings Requirements

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
76/1	16_1_1 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 8 Max_Transport_Latency (Audio Sink)	[2] 3.5.1.4.2	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink", otherwise not defined.
76/2	32_1_1 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 8 Max_Transport_Latency (Audio Sink)	[2] 3.5.1.4.2	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink", otherwise not defined.
76/3	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency (Audio Sink)	[2] 3.5.1.4.2	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink", otherwise not defined.
76/4	16_1_1 LC3: 7500 SDU Interval, unframed, 30 Max SDU Size, 2 RTN, 8 Max_Transport_Latency (Audio Source)	[2] 3.5.1.4.2	C.2	☑	C.2: Mandatory IF TMAP 74/5 "BAP Audio Source", otherwise not defined.
76/5	32_1_1 LC3: 7500 SDU Interval, unframed, 60 Max SDU Size, 2 RTN, 8 Max_Transport_Latency (Audio Source)	[2] 3.5.1.4.2	C.2	☑	C.2: Mandatory IF TMAP 74/5 "BAP Audio Source", otherwise not defined.
76/6	32_2_1 LC3: 10000 SDU Interval, unframed, 80 Max SDU Size, 2 RTN, 10 Max_Transport_Latency (Audio Source)	[2] 3.5.1.4.2	C.2	☑	C.2: Mandatory IF TMAP 74/5 "BAP Audio Source", otherwise not defined.

Table 77: Number of Audio Outputs

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
77/1	1 audio output	[2] 3.5.1.5	M	☑	
77/2	2 or more audio outputs	[2] 3.5.1.5	O	☑	

Table 78: Number of Concurrent Unicast Audio Streams, Channels, and Devices

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
78/1	Configuration D: 1 stream with 1 channel from CG to CT, 1 bidirectional stream between CG and CT	[2] 3.5.1.5	C.1	☑	C.1: Mandatory IF TMAP 74/4 "BAP Audio Sink" AND TMAP 74/5 "BAP Audio Source" AND TMAP 77/2 "2 or more audio outputs", otherwise Excluded.
78/2	Configuration E: 1 bidirectional stream with 2 channels from CG to CT	[2] 3.5.1.5	C.2	☑	C.2: Optional IF TMAP 74/4 "BAP Audio Sink" AND TMAP 74/5 "BAP Audio Source" AND TMAP 77/2 "2 or more audio outputs", otherwise Excluded.

Table 79: Call Terminal Multi-Stream Configurations

Prerequisite: TMAP 1/2 "Call Terminal (CT)"

Item	Capability	Reference	Support	Status	Comment
79/1	Case 1: Multiple CT audio sink devices each with a single ASE	[2] 3.7	C.1	☑	C.1: Mandatory to support at least one.
79/2	Case 2: A single CT audio sink device with multiple ASEs	[2] 3.7	C.1, C.2	☑	C.1: Mandatory to support at least one. C.2: Mandatory IF TMAP 77/2 "2 or more audio outputs", otherwise Excluded.

Table 90: X.Y Versions

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
90/1	TMAP v1.0	[2]	M	☑	

Table 92: UMR Profile and Service Dependencies

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
92/1	Common Audio Profile	[2] 3.1	M	☒	
92/2	Basic Audio Profile	[2] 3.1	M	☒	

Table 93: Role Discovery Requirements

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
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Table 94: UMR Inter-Layer Dependency Role Requirements

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
94/1	CAP Acceptor	[2] 3.1	M	☒	
94/3	VCP Volume Renderer	[2] 3.1	M	☒	
94/4	BAP Audio Sink	[2] 3.1	M	☒	
94/5	BAP Unicast Server	[2] 3.1	M	☒	

Table 95: Unicast Media Receiver PAC Records

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
95/1	48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets	[2] 3.5.1.1	M	☒	
95/2	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[2] 3.5.1.1	M	☒	
95/3	48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets	[2] 3.5.1.1	M	☒	
95/4	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[2] 3.5.1.1	M	☒	
95/5	48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets	[2] 3.5.1.1	M	☒	
95/6	48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets	[2] 3.5.1.1	M	☒	

Table 96: Unicast Media Receiver QoS Settings Requirements

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
96/1	48_1_1 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/2	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/3	48_3_1 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/4	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/5	48_5_1 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 5 RTN, 15 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/6	48_6_1 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 5 RTN, 20 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/9	48_1_2 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/10	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 13 RTN, 95 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	
96/11	48_3_2 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[2] 3.5.1.4.2	M	☒	

96/12	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[2] 3.5.1.4.2	M	☑
96/13	48_5_2 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 13 RTN, 75 Max_Transport_Latency	[2] 3.5.1.4.2	M	☑
96/14	48_6_2 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 13 RTN, 100 Max_Transport_Latency	[2] 3.5.1.4.2	M	☑

Table 97: Unicast Media Receiver PACS Characteristic Support Requirements

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
97/1	Sink Audio Locations characteristic	[2]	M	☑	
97/2	Multiple Sink Audio Locations	[2] 3.5.1.5	O	☑	

Table 98: Unicast Media Receiver Sink Audio Locations Values

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
98/1	Front Left Sink Audio Location	[2] 3.5.1.2.1	C.1	☑	C.1: Mandatory to support at least one.
98/2	Front Right Sink Audio Location	[2] 3.5.1.2.1	C.1	☑	C.1: Mandatory to support at least one.
98/3	Front Right and Front Left Sink Audio Locations	[2] 3.5.1.2.1	C.1	☑	C.1: Mandatory to support at least one.

Table 99: Number of Audio Outputs

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
99/1	1 audio output	[2] 3.7	M	☑	
99/2	2 or more audio outputs	[2] 3.7	O	☑	

Table 100: Unicast Media Receiver Multi-Stream Configurations

Prerequisite: TMAP 1/4 "Unicast Media Receiver (UMR)"

Item	Capability	Reference	Support	Status	Comment
100/1	Case 1: Multiple UMR audio sink devices each with a single ASE	[2] 3.7	C.1	☑	C.1: Mandatory to support at least one.
100/2	Case 2: A single UMR audio sink device with multiple ASEs	[2] 3.7	C.1, C.2	☑	C.1: Mandatory to support at least one. C.2: Mandatory IF TMAP 99/2 "2 or more audio outputs", otherwise Excluded.

Table 110: X.Y Versions

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
110/1	TMAP v1.0	[2]	M	☑	

Table 112: BMR Profile and Service Dependencies

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
112/1	Common Audio Profile	[2] 3.1	M	☑	
112/2	Basic Audio Profile	[2] 3.1	M	☑	

Table 113: Role Discovery Requirements

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
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Table 114: BMR Inter-Layer Dependency Role Requirements

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
114/1	CAP Acceptor	[2] 3.1	M	☑	
114/3	VCP Volume Renderer	[2] 3.1	M	☑	
114/4	BAP Broadcast Sink	[2] 3.1	M	☑	

Table 115: Broadcast Media Receiver Codec Settings Requirements

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
115/1	48_1 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 75 Octets	[2] 3.5.2.1	M	☑	
115/2	48_2 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 100 Octets	[2] 3.5.2.1	M	☑	
115/3	48_3 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 90 Octets	[2] 3.5.2.1	M	☑	
115/4	48_4 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 120 Octets	[2] 3.5.2.1	M	☑	
115/5	48_5 LC3: 48 kHz Sampling Frequency, 7.5 ms Frame Duration, 117 Octets	[2] 3.5.2.1	M	☑	
115/6	48_6 LC3: 48 kHz Sampling Frequency, 10 ms Frame Duration, 155 Octets	[2] 3.5.2.1	M	☑	

Table 116: Broadcast Media Receiver QoS Settings Requirements

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
116/1	48_1_1 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/2	48_2_1 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/3	48_3_1 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/4	48_4_1 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/5	48_5_1 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 4 RTN, 15 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/6	48_6_1 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 4 RTN, 20 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/9	48_1_2 LC3: 7500 SDU Interval, unframed, 75 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/10	48_2_2 LC3: 10000 SDU Interval, unframed, 100 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/11	48_3_2 LC3: 7500 SDU Interval, unframed, 90 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/12	48_4_2 LC3: 10000 SDU Interval, unframed, 120 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/13	48_5_2 LC3: 7500 SDU Interval, unframed, 117 Max SDU Size, 4 RTN, 50 Max_Transport_Latency	[2] 3.5.2.3	M	☑	
116/14	48_6_2 LC3: 10000 SDU Interval, unframed, 155 Max SDU Size, 4 RTN, 65 Max_Transport_Latency	[2] 3.5.2.3	M	☑	

Table 117: BMR Codec Specific Audio Capability Support

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
117/1	Multiple Audio Locations	[2] 3.5.2.	O	☑	
117/2	Two Audio Channels	[2] 3.5.2	O	☑	

Table 118: BMR Audio Location Values

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
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118/1	Front Left Audio Location	[2] 3.5.2.2	C.1	☑	C.1: Mandatory to support at least one.
118/2	Front Right Audio Location	[2] 3.5.2.2	C.1	☑	C.1: Mandatory to support at least one.
118/3	Front Right and Front Left Audio Locations	[2] 3.5.2.2	C.1	☑	C.1: Mandatory to support at least one.

Table 119: Number of Audio Outputs

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
119/1	1 audio output	[2] 3.7	M	☑	
119/2	2 or more audio outputs	[2] 3.7	O	☑	

Table 120: LC3 Audio Configuration

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
120/1	AC14: 1 BIS, Multiple Audio Channels/BIS, 1 Audio Stream	[2]	C.1	☑	C.1: Mandatory IF TMAP 117/1 "Multiple Audio Locations" AND TMAP 117/2 "Two Audio Channels", otherwise not defined.

Table 121: Multi-Stream Configurations

Prerequisite: TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
121/1	Case 5: Multiple BMR devices, each synchronized to a single BIS	[2] 3.7	C.1	☑	C.1: Mandatory to support at least one.
121/2	Case 6: A single BMR device synchronized to multiple BISes	[2] 3.7	C.1, C.2	☑	C.1: Mandatory to support at least one. C.2: Mandatory IF TMAP 119/2 "2 or more audio outputs", otherwise Excluded.

Table 130: CAP Procedure Requirements

Prerequisite: TMAP 1/3 "Unicast Media Sender (UMS)" AND TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
130/1	Unicast to Broadcast Handover Support (Initiator)	[2] 3.5.2.5	M	☑	
130/2	Broadcast to Unicast Handover Support (Initiator)	[2] 3.5.2.5	M	☑	
130/3	Unicast to Broadcast Handover Support (Commander)	[2] 3.5.2.5	M	☑	
130/4	Broadcast to Unicast Handover Support (Commander)	[2] 3.5.2.5	M	☑	

Table 131: Link Layer and HCI Features

Prerequisite: TMAP 1/1 "Call Gateway (CG)" OR TMAP 1/2 "Call Terminal (CT)" OR TMAP 1/3 "Unicast Media Sender (UMS)" OR TMAP 1/4 "Unicast Media Receiver (UMR)" OR TMAP 1/5 "Broadcast Media Sender (BMS)" OR TMAP 1/6 "Broadcast Media Receiver (BMR)"

Item	Capability	Reference	Support	Status	Comment
131/1	LE 2M PHY	[2] 3.2	M	☑	

Table 140: MCS Media Control Point Opcodes

Prerequisite: TMAP 1/1 "Call Gateway (CG)" OR TMAP 1/3 "Unicast Media Sender (UMS)" OR TMAP 1/5 "Broadcast Media Sender (BMS)"

Item	Capability	Reference	Support	Status	Comment
140/1	Play	[2] 3.6.1	C.1	☑	C.1: Mandatory IF TMAP 140/3 "Media Control Service", otherwise not defined.
140/2	Pause	[2] 3.6.1	C.1	☑	C.1: Mandatory IF TMAP 140/3 "Media Control Service", otherwise not defined.
140/3	Media Control Service	[2] 3.6.1	O	☑	

Table 150: TMA Service Characteristic Support Requirements

Prerequisite: TMAP 1/7 "TMA Client"

Item	Capability	Reference	Support	Status	Comment
150/1	TMAP Role Characteristic	[2] 4.7.1	M	☑	

Table 151: GATT Requirements

Prerequisite: TMAP 1/7 "TMA Client"

Item	Capability	Reference	Support	Status	Comment
151/1	GATT Client over LE	[2] 3.8	M	☑	
151/2	Discover All Primary Services	[2] 3.8.1.3	C.1	☑	C.1: Mandatory to support at least one.
151/3	Discover Primary Services by Service UUID	[2] 3.8.1.3	C.1	☑	C.1: Mandatory to support at least one.
151/4	Discover All Characteristics of a Service	[2] 3.8.1.3	C.2	☑	C.2: Mandatory to support at least one.
151/5	Discover Characteristics by UUID	[2] 3.8.1.3	C.2	☑	C.2: Mandatory to support at least one.
151/6	Read Characteristic Value	[2] 3.8.1.3	M	☑	

Table 152: Service Characteristic

Prerequisite: TMAP 1/8 "TMA Server"

Item	Capability	Reference	Support	Status	Comment
152/1	TMAP Role Characteristic	[2] 4.7.1	M	☑	

Table 153: TMAP Role Support

Prerequisite: TMAP 152/1 "TMAP Role Characteristic"

Item	Capability	Reference	Support	Status	Comment
153/1	Call Gateway Support	[2] 4.7.1.2	C.1	☑	C.1: Mandatory IF TMAP 1/1 "Call Gateway (CG)", otherwise Excluded.
153/2	Call Terminal Support	[2] 4.7.1.2	C.2	☑	C.2: Mandatory IF TMAP 1/2 "Call Terminal (CT)", otherwise Excluded.
153/3	Unicast Media Sender Support	[2] 4.7.1.2	C.3	☑	C.3: Mandatory IF TMAP 1/3 "Unicast Media Sender (UMS)", otherwise Excluded.
153/4	Unicast Media Receiver Support	[2] 4.7.1.2	C.4	☑	C.4: Mandatory IF TMAP 1/4 "Unicast Media Receiver (UMR)", otherwise Excluded.
153/5	Broadcast Media Sender Support	[2] 4.7.1.2	C.5	☑	C.5: Mandatory IF TMAP 1/5 "Broadcast Media Sender (BMS)", otherwise Excluded.
153/6	Broadcast Media Receiver Support	[2] 4.7.1.2	C.6	☑	C.6: Mandatory IF TMAP 1/6 "Broadcast Media Receiver (BMR)", otherwise Excluded.

Table 154: GATT Requirements

Prerequisite: TMAP 1/8 "TMA Server"

Item	Capability	Reference	Support	Status	Comment
154/1	GATT Server over LE	[2] 4.8	M	☑	

Table 155: SDP Requirements

Prerequisite: TMAP 1/8 "TMA Server" AND TMAP 2/1 "Profile supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Table 156: GAP Requirements

Prerequisite: TMAP 1/7 "TMA Client" OR TMAP 1/8 "TMA Server"

Item	Capability	Reference	Support	Status	Comment
156/1	LE security mode 1	[2] 4.8	M	☑	

Host Controller Interface – Upper

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/60	Upper HCI v6.0	[8]	C.1	☑	C.1: Mandatory to support one and only one.

Volume Control Profile

Table 1: Role Requirements

Item	Capability	Reference	Support	Status	Comment
1/1	Volume Renderer	[1] 3.0	C.1	☑	C.1: Mandatory to support at least one.
1/2	Volume Controller	[1] 4.0	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
2/2	Profile supported over LE	[1] 2.4	C.1	☑	C.1: Mandatory to support at least one.

Table 3: Volume Renderer, X.Y Versions

Prerequisite: VCP 1/1 "Volume Renderer"

Item	Capability	Reference	Support	Status	Comment
3/1	Volume Control Profile 1.0	[1]	M	☑	

Table 5: Service Requirements

Prerequisite: VCP 1/1 "Volume Renderer"

Item	Capability	Reference	Support	Status	Comment
5/1	Volume Control Service	[1] 3.0	M	☑	
5/2	Volume Offset Control Service	[1] 3.0	O	☑	
5/3	Audio Input Control Service	[1] 3.0	O	☑	
5/4	LE Extended Advertising	[1] 6.1.1.1	M	☑	

Table 6: GAP Requirements - Volume Renderer Role

Prerequisite: VCP 1/1 "Volume Renderer"

Item	Capability	Reference	Support	Status	Comment
6/1	LE security mode 1	[1] 5.1	C.1	☑	C.1: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
6/2	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5.1	C.1	☑	C.1: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
6/8	Minimum 128 Bit entropy key (LE)	[1] 5.1	C.1	☑	C.1: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
6/10	LE Secure Connections (Peripheral)	[1] 5.1	C.6	☑	C.6: Mandatory to support at least one IF VCP 2/2 "Profile supported over LE", otherwise not defined.
6/13	Peripheral	[1] 4.1	C.1	☑	C.1: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.

Table 8: Volume Controller, X.Y Versions

Prerequisite: VCP 1/2 "Volume Controller"

Item	Capability	Reference	Support	Status	Comment
8/1	Volume Control Profile 1.0	[1]	M	☑	

Table 10: Volume Control Service Support

Prerequisite: VCP 1/2 "Volume Controller"

Item	Capability	Reference	Support	Status	Comment
10/1	Discover Volume Control Service	[1] 4.0	M	☑	
10/2	Discover Volume Offset Control Service	[1] 4.0	O	☑	

10/3	Discover Audio Input Control Service	[1] 4.0	O	☑
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Table 11: Volume Control Service Characteristic Support Requirements

Prerequisite: VCP 10/1 "Discover Volume Control Service"

Item	Capability	Reference	Support	Status	Comment
11/1	Volume State	[1] 4.3.1	M	☑	
11/2	Volume Control Point	[1] 4.3.1	M	☑	
11/3	Volume Flags	[1] 4.3.1	O	☑	

Table 12: Volume Control Service Procedure Support Requirements

Prerequisite: VCP 10/1 "Discover Volume Control Service"

Item	Capability	Reference	Support	Status	Comment
12/1	Configure Volume State Notifications	[1] 4.4.1, 4.4.1.1	M	☑	
12/2	Read Volume State	[1] 4.4.1, 4.4.1.2	M	☑	
12/3	Configure Volume Flags Notifications	[1] 4.4.1, 4.4.1.3	O	☑	
12/4	Read Volume Flags	[1] 4.4.1, 4.4.1.4	O	☑	
12/5	Set Initial Volume	[1] 4.4.1, 4.4.1.5	C.1	☑	C.1: Optional IF VCP 12/4 "Read Volume Flags" OR VCP 12/6 "Set Absolute Volume", otherwise Excluded.
12/6	Set Absolute Volume	[1] 4.4.1, 4.4.1.6.5	C.2	☑	C.2: Mandatory IF NOT VCP 12/7 "Relative Volume Down" AND NOT VCP 12/8 "Relative Volume Up" AND NOT VCP 12/9 "Unmute/ Relative Volume Down" AND NOT VCP 12/10 "Unmute/ Relative Volume Up", otherwise Optional.
12/7	Relative Volume Down	[1] 4.4.1, 4.4.1.6.1	C.3	☑	C.3: Mandatory to support none or all.
12/8	Relative Volume Up	[1] 4.4.1, 4.4.1.6.2	C.3	☑	C.3: Mandatory to support none or all.
12/9	Unmute/ Relative Volume Down	[1] 4.4.1, 4.4.1.6.3	C.4	☑	C.4: Mandatory to support none or all.
12/10	Unmute/ Relative Volume Up	[1] 4.4.1, 4.4.1.6.4	C.4	☑	C.4: Mandatory to support none or all.
12/11	Mute	[1] 4.4.1, 4.4.1.6.6	O	☑	
12/12	Unmute	[1] 4.4.1, 4.4.1.6.7	O	☑	

Table 13: Volume Offset Control Service Characteristic Support Requirements

Prerequisite: VCP 10/2 "Discover Volume Offset Control Service"

Item	Capability	Reference	Support	Status	Comment
13/1	Volume Offset State	[1] 4.3.2	C.1	☑	C.1: Mandatory IF VCP 14/1 "Configure Offset State Notifications" OR VCP 14/2 "Read Volume Offset State" OR VCP 14/3 "Configure Audio Location Notifications" OR VCP 14/4 "Read Audio Location" OR VCP 14/5 "Set Audio Location" OR VCP 14/6 "Set Volume Offset" OR VCP 14/7 "Configure Audio Output Description Notifications" OR VCP 14/8 "Read Audio Output Description" OR VCP 14/9 "Set Audio Output Description", otherwise Optional.
13/2	Audio Location	[1] 4.3.2	O	☑	

13/3	Volume Offset Control Point	[1] 4.3.2	O	☑	
13/4	Audio Output Description	[1] 4.3.2	O	☑	

Table 14: Volume Offset Control Service Procedure Support Requirements

Prerequisite: VCP 10/2 "Discover Volume Offset Control Service"

Item	Capability	Reference	Support	Status	Comment
14/1	Configure Offset State Notifications	[1] 4.4.2.1	C.1, C.2	☑	C.1: Mandatory IF VCP 14/3 "Configure Audio Location Notifications" OR VCP 14/4 "Read Audio Location" OR VCP 14/5 "Set Audio Location" OR VCP 14/6 "Set Volume Offset" OR VCP 14/7 "Configure Audio Output Description Notifications" OR VCP 14/8 "Read Audio Output Description" OR VCP 14/9 "Set Audio Output Description", otherwise Optional. C.2: Mandatory to support none or all.
14/2	Read Volume Offset State	[1] 4.4.2.2	C.1, C.2	☑	C.1: Mandatory IF VCP 14/3 "Configure Audio Location Notifications" OR VCP 14/4 "Read Audio Location" OR VCP 14/5 "Set Audio Location" OR VCP 14/6 "Set Volume Offset" OR VCP 14/7 "Configure Audio Output Description Notifications" OR VCP 14/8 "Read Audio Output Description" OR VCP 14/9 "Set Audio Output Description", otherwise Optional. C.2: Mandatory to support none or all.
14/3	Configure Audio Location Notifications	[1] 4.4.2.3	O	☑	
14/4	Read Audio Location	[1] 4.4.2.4	O	☑	
14/5	Set Audio Location	[1] 4.4.2.5	O	☑	
14/6	Set Volume Offset	[1] 4.4.2.6.1	O	☑	
14/7	Configure Audio Output Description Notifications	[1] 4.4.2.7	O	☑	
14/8	Read Audio Output Description	[1] 4.4.2.8	O	☑	
14/9	Set Audio Output Description	[1] 4.4.2.9	O	☑	

Table 15: Audio Input Control Service Characteristic Support Requirements

Prerequisite: VCP 10/3 "Discover Audio Input Control Service"

Item	Capability	Reference	Support	Status	Comment
15/1	Audio Input State	[1] 4.3.3	C.1	☑	C.1: Mandatory IF VCP 16/1 "Configure Audio Input State Notifications" OR VCP 16/2 "Read Audio Input State" OR VCP 16/3 "Read Gain Setting Properties" OR VCP 16/4 "Read Audio Input Type" OR VCP 16/5 "Configure Audio Input Status Notifications" OR VCP 16/6 "Read Audio Input Status" OR VCP 16/7 "Set Gain Setting" OR VCP 16/8 "Mute" OR VCP 16/9 "Unmute" OR VCP 16/10 "Set Manual Gain Mode" OR VCP 16/11 "Set Automatic Gain Mode" OR VCP 16/12 "Configure Audio Input Description Notifications" OR VCP 16/13 "Read Audio Input Description" OR VCP 16/14 "Set Audio Input Description", otherwise Optional.
15/2	Gain Setting Properties	[1] 4.3.3	C.1	☑	C.1: Mandatory IF VCP 16/1 "Configure Audio Input State Notifications" OR VCP 16/2 "Read Audio Input State" OR VCP 16/3 "Read Gain Setting Properties" OR VCP 16/4 "Read Audio Input Type" OR VCP 16/5 "Configure Audio Input Status Notifications" OR VCP 16/6 "Read Audio Input Status" OR VCP 16/7 "Set Gain Setting" OR VCP 16/8 "Mute" OR VCP 16/9 "Unmute" OR VCP 16/10 "Set Manual Gain Mode" OR VCP 16/11 "Set Automatic Gain Mode" OR VCP 16/12 "Configure Audio Input Description Notifications" OR VCP 16/13 "Read Audio Input Description" OR VCP 16/14 "Set Audio Input Description", otherwise Optional.

15/3	Audio Input Type	[1] 4.3.3	O	☑	
15/4	Audio Input Status	[1] 4.3.3	O	☑	
15/5	Audio Input Control Point	[1] 4.3.3	O	☑	
15/6	Audio Input Description	[1] 4.3.3	O	☑	

Table 16: Audio Input Control Service Procedure Support Requirements

Prerequisite: VCP 10/3 "Discover Audio Input Control Service"

Item	Capability	Reference	Support	Status	Comment
16/1	Configure Audio Input State Notifications	[1] 4.4.3.1	C.1, C.2	☑	C.1: Mandatory IF VCP 16/3 "Read Gain Setting Properties" OR VCP 16/4 "Read Audio Input Type" OR VCP 16/5 "Configure Audio Input Status Notifications" OR VCP 16/6 "Read Audio Input Status" OR VCP 16/7 "Set Gain Setting" OR VCP 16/8 "Mute" OR VCP 16/9 "Unmute" OR VCP 16/10 "Set Manual Gain Mode" OR VCP 16/11 "Set Automatic Gain Mode" OR VCP 16/12 "Configure Audio Input Description Notifications" OR VCP 16/13 "Read Audio Input Description" OR VCP 16/14 "Set Audio Input Description", otherwise Optional. C.2: Mandatory to support none or all.
16/2	Read Audio Input State	[1] 4.4.3.2	C.1, C.2	☑	C.1: Mandatory IF VCP 16/3 "Read Gain Setting Properties" OR VCP 16/4 "Read Audio Input Type" OR VCP 16/5 "Configure Audio Input Status Notifications" OR VCP 16/6 "Read Audio Input Status" OR VCP 16/7 "Set Gain Setting" OR VCP 16/8 "Mute" OR VCP 16/9 "Unmute" OR VCP 16/10 "Set Manual Gain Mode" OR VCP 16/11 "Set Automatic Gain Mode" OR VCP 16/12 "Configure Audio Input Description Notifications" OR VCP 16/13 "Read Audio Input Description" OR VCP 16/14 "Set Audio Input Description", otherwise Optional. C.2: Mandatory to support none or all.
16/3	Read Gain Setting Properties	[1] 4.4.3.3	O	☑	
16/4	Read Audio Input Type	[1] 4.4.3.4	O	☑	
16/5	Configure Audio Input Status Notifications	[1] 4.4.3.5	O	☑	
16/6	Read Audio Input Status	[1] 4.4.3.6	O	☑	
16/7	Set Gain Setting	[1] 4.4.3.7.1	O	☑	
16/8	Mute	[1] 4.4.3.7.3	O	☑	
16/9	Unmute	[1] 4.4.3.7.2	O	☑	
16/10	Set Manual Gain Mode	[1] 4.4.3.7.4	O	☑	
16/11	Set Automatic Gain Mode	[1] 4.4.3.7.5	O	☑	
16/12	Configure Audio Input Description Notifications	[1] 4.4.3.8	O	☑	
16/13	Read Audio Input Description	[1] 4.4.3.9	O	☑	

16/14	Set Audio Input Description	[1] 4.4.3.10	O	☑	
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Table 17: Volume Controller GATT Requirements

Prerequisite: VCP 1/2 "Volume Controller"

Item	Capability	Reference	Support	Status	Comment
17/1	Discover All Primary Services	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.
17/2	Discover Primary Services by Service UUID	[1] 4.1	C.1	☑	C.1: Mandatory to support at least one.
17/3	Find Included Services	[1] 4.1	O	☑	
17/4	Discover All Characteristics of a Service	[1] 4.1	C.2	☑	C.2: Mandatory to support at least one.
17/5	Discover Characteristics by UUID	[1] 4.1	C.2	☑	C.2: Mandatory to support at least one.
17/6	Discover All Characteristic Descriptors	[1] 4.1	M	☑	
17/7	Read Characteristic Value	[1] 4.1	M	☑	
17/8	Write Characteristic Value	[1] 4.1	M	☑	
17/9	Notifications	[1] 4.1	M	☑	
17/10	Read Characteristic Descriptors	[1] 4.1	M	☑	
17/11	Write Characteristic Descriptors	[1] 4.1	M	☑	

Table 18: GAP Requirements - Volume Controller Role

Prerequisite: VCP 1/2 "Volume Controller"

Item	Capability	Reference	Support	Status	Comment
18/1	Central	[1] 4.1	C.2	☑	C.2: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
18/2	LE security mode 1	[1] 5.1	C.2	☑	C.2: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
18/3	Bondable mode (LE)	[1] 6.2	C.2	☑	C.2: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
18/4	Bonding procedure	[1] 6.2	C.3	☑	C.3: Optional IF VCP 2/2 "Profile supported over LE", otherwise not defined.
18/6	Unauthenticated Pairing (LE security mode 1 level 2) with LE Secure Connections Pairing only	[1] 5.1	C.2	☑	C.2: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
18/7	Authenticated Pairing (LE security mode 1 level 3) with LE Secure Connections Pairing only	[1] 5.1	C.3	☑	C.3: Optional IF VCP 2/2 "Profile supported over LE", otherwise not defined.
18/12	Minimum 128 Bit entropy key (LE)	[1] 5.1	C.2	☑	C.2: Mandatory IF VCP 2/2 "Profile supported over LE", otherwise not defined.
18/14	LE Secure Connections (Central)	[1] 5.1	C.7	☑	C.7: Mandatory to support at least one IF VCP 2/2 "Profile supported over LE", otherwise not defined.

Volume Control Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	VCS v1.0	[1]	M	☑	

Table 0a: X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
0a/1	VCS v1.0.1	[3]	O	☑	

Table 1: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Volume Control Service

Item	Capability	Reference	Support	Status	Comment
2/1	Volume State Characteristic	[1] 3.1	M	☑	
2/2	Volume Control Point Characteristic	[1] 3.2	M	☑	
2/3	Volume Flags Characteristic	[1] 3.3	M	☑	

Table 3: Volume Control Point Procedure Requirements

Prerequisite: VCS 2/2 "Volume Control Point Characteristic"

Item	Capability	Reference	Support	Status	Comment
3/1	Relative Volume Down Procedure	[1] 3.2.2.1	M	☑	
3/2	Relative Volume Up Procedure	[1] 3.2.2.2	M	☑	
3/3	Unmute / Relative Volume Down Procedure	[1] 3.2.2.3	M	☑	
3/4	Unmute / Relative Volume Up Procedure	[1] 3.2.2.4	M	☑	
3/5	Set Absolute Volume Procedure	[1] 3.2.2.5	M	☑	
3/6	Unmute Procedure	[1] 3.2.2.6	M	☑	
3/7	Mute Procedure	[1] 3.2.2.7	M	☑	

Table 4: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
4/1	Write Characteristic Value	[1] 1.4	M	☑	
4/2	Notifications	[1] 1.4	M	☑	
4/3	Read Characteristic Descriptors	[1] 1.4	M	☑	
4/4	Write Characteristic Descriptors	[1] 1.4	M	☑	
4/6	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF VCS 1/2 "Service supported over LE", otherwise not defined.

Table 5: SDP Requirements

Prerequisite: VCS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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Volume Offset Control Service

Table 0: X.Y Versions

Item	Capability	Reference	Support	Status	Comment
0/1	VOCS v1.0	[1]	M	☑	

Table 0a: X.Y.Z Versions

Item	Capability	Reference	Support	Status	Comment
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0a/1	VOCS v1.0.1	[3]	O	☑
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Table 1: Transport Requirements

Item	Capability	Reference	Support	Status	Comment
1/2	Service supported over LE	[1] 1.5	C.1	☑	C.1: Mandatory to support at least one.

Table 2: Volume Offset Control Service

Item	Capability	Reference	Support	Status	Comment
2/1	Volume Offset State Characteristic	[1] 3.1	M	☑	
2/2	Audio Location Characteristic	[1] 3.2	M	☑	
2/3	Volume Offset Control Point	[1] 3.3	M	☑	
2/4	Audio Output Description Characteristic	[1] 3.4	M	☑	
2/6	Notifiable Audio Location Characteristic	[1] 3.2	C.1	☑	C.1: Mandatory IF VOCS 2/5 "Writeable Audio Location Characteristic", otherwise Optional.

Table 3: GATT Requirements

Item	Capability	Reference	Support	Status	Comment
3/1	Write Characteristic Value	[1] 1.4	M	☑	
3/2	Notifications	[1] 1.4	M	☑	
3/3	Read Characteristic Descriptors	[1] 1.4	M	☑	
3/4	Write Characteristic Descriptors	[1] 1.4	M	☑	
3/6	GATT Server over LE	[1] 1.4	C.2	☑	C.2: Mandatory IF VOCS 1/2 "Service supported over LE", otherwise not defined.

Table 4: SDP Requirements

Prerequisite: VOCS 1/1 "Service supported over BR/EDR"

Item	Capability	Reference	Support	Status	Comment
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