Interoperable Product Testing (IOPT)

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

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Contents

1   General principles

1.1   Implementation Under Test (IUT) identification

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

1.2   Auto-fill tables

This ICS includes one or more tables that are defined as auto-fill tables. Auto-fill tables are defined to allow for less-complex conditions within other tables. Auto-fill tables are distinguished from regular ICS tables by the addition of "(auto-fill)" after the table number, prior to the colon ":".

An auto-fill table is automatically populated based on selected capabilities elsewhere in the ICS. The populated settings in the auto-fill table are not user editable.

2   ICS declarations

2.1   Traditional Profiles

The "Inter-Layer Prerequisite" column used in the table below specifies a prerequisite for each item. Thus, for example, Table 1, Item 2a (Source (A2DP)), is excluded unless A2DP 1/1 is true; otherwise, the item is mandatory.

Table 1 (auto-fill): Traditional Profiles

Item	Feature	Reference	Inter-Layer Prerequisite	Status
1	3D Synchronization Profile (3DSP)	[1]	[1] 3DSP	M
1a	3DD – 3D Display	[1]	[1] 3DSP 1/1	M
1b	3DG – 3D Glasses	[1]	[1] 3DSP 1/2	M
2	Advanced Audio Distribution Profile (A2DP)	[2]	[2] A2DP	M
2a	Source (A2DP)	[2]	[2] A2DP 1/1	M
2b	Sink (A2DP)	[2]	[2] A2DP 1/2	M
3	Audio/Video Remote Control Profile (AVRCP)	[3]	[3] AVRCP	M
3a	Controller	[3]	[3] AVRCP 1/1	M
3b	Target	[3]	[3] AVRCP 1/2	M
4	Basic Imaging Profile (BIP)	[4]	[4] BIP	M
4a	Image Push Responder	[4]	[4] BIP 1/2	M
4b	Image Pull Responder	[4]	[4] BIP 1/4	M
4c	Advanced Image Printing Responder (= Printer)	[4]	[4] BIP 1/6	M
4d	Automatic Archive Responder	[4]	[4] BIP 1/8	M
4e	Remote Camera Responder	[4]	[4] BIP 1/10	M
4f	Remote Display Responder	[4]	[4] BIP 1/12	M
5	Basic Printing Profile (BPP)	[5]	[5] BPP	M
5a	Printer (Pr)	[5]	[5] BPP 1/1	M
5b	Sender Device (SD)	[5]	[5] BPP 1/2	M
6	Calendar, Tasks and Notes Profile (CTN)	[6]	[6] CTN	M
6a	CTN Client Equipment	[6]	[6] CTN 1/1	M
6b	CTN Server Equipment	[6]	[6] CTN 1/2	M
7	Device Identification (DID)	[7]	[7] DID	M
8	Dial-up Networking Profile (DUN)	[8]	[8] DUN	M
8a	Gateway (GW)	[8]	[8] DUN 1/1	M
9	File Transfer Profile (FTP)	[9]	[9] FTP	M
9a	File Transfer Server	[9]	[9] FTP 1/1	M
10	Global Navigation Satellite Systems Profile (GNSS)	[10]	[10] GNSS	M
10a	Server (GNSS)	[10]	[10] GNSS 1/1	M
11	Hardcopy Cable Replacement Profile (HCRP)	[11]	[11] HCRP	M

Item	Feature	Reference	Inter-Layer Prerequisite	Status
11a	Server (HCRP)	[11]	[11] HCRP 1/1	M
11b	Client (HCRP)	[11]	[11] HCRP 1/2	M
12	Health Device Profile (HDP)	[12]	[12] HDP	M
12a	Source (HDP)	[12]	[12] HDP 1/1	M
12b	Sink (HDP)	[12]	[12] HDP 1/2	M
13	Hands-Free Profile (HFP)	[13]	[13] HFP	M
13a	Audio Gateway (AG) (HFP)	[13]	[13] HFP 1/1	M
13b	Hands-Free (HF)	[13]	[13] HFP 1/2	M
14	Human Interface Device v1.0 (HID)	[14]	[14] HID	M
14a	Device	[14]	[14] HID 1/2	M
15	Human Interface Device v1.1 or later (HID11)	[15]	[15] HID11	M
15a	HID Device Role	[15]	[15] HID11 1/4	M
16	Headset Profile (HSP)	[16]	[16] HSP	M
16a	Audio Gateway (AG) (HSP)	[16]	[16] HSP 1/1	M
16b	Headset (HS)	[16]	[16] HSP 1/2	M
17	Message Access Profile (MAP)	[17]	[17] MAP	M
17a	Messaging Server Equipment	[17]	[17] MAP 1/1	M
17b	Notification (MCE)	[17]	[17] MAP 2/1	M
18	Multi-Profile Specification (MPS)	[18]	[18] MPS	M
19	Object Push Profile (OPP)	[19]	[19] OPP	M
19a	Object Push Server	[19]	[19] OPP 1/2	M
20	Personal Area Networking (PAN)	[20]	[20] PAN	M
20a	Network Access Point	[20]	[20] PAN 1/1	M
20b	Group Ad-hoc Network	[20]	[20] PAN 1/2	M
20c	PANU Service Record	[20]	[20] PAN 4/15	M
21	Phone Book Access Profile (PBAP)	[21]	[21] PBAP	M
21a	PCE	[21]	[21] PBAP 1/1	M
21b	PSE	[21]	[21] PBAP 1/2	M
22	SIM Access Profile (SAP)	[22]	[22] SAP	M
22a	SIM Access Server (Server)	[22]	[22] SAP 1/2	M
23	Serial Port Profile (SPP)	[23]	[23] SPP	M
23a	SPP as a standalone profile – Device B (DevB)	[23]	[23] SPP 2/1b	M
24	Synchronization Profile (SYNC)	[24]	[24] SYNC	M
24a	IrMC Server	[24]	[24] SYNC 1/2	M
24b	Sync command (IrMC Client)	[24]	[24] SYNC 2/10	M
25	Video Distribution Profile (VDP)	[25]	[25] VDP	M
25a	Source (VDP)	[25]	[25] VDP 1/1	M
25b	Sink (VDP)	[25]	[25] VDP 1/2	M

Table 1a (auto-fill): Implementation of at Least One Traditional Profile

Item	Feature	Reference	Inter-Layer Prerequisite	Status
1	Implementation of at least one traditional profile	N/A	N/A	C.1

C.1:   Mandatory IF at least one Traditional Profile in Table 1 is supported, otherwise Excluded.

2.2   GATT-based Services

All GATT-based services defined in the Assigned Numbers document [87] are listed in Table 2.

The "Inter-Layer Prerequisite" column used in the table below specifies a prerequisite for each item. Thus, for example, Table 2, Item 2a (Audio Input Control Service (AICS) over BR/EDR), is excluded unless AICS 1/1 is true; otherwise, the item is mandatory. Furthermore, in those instances where the Status column has a condition that excludes the item, the reference in the "Inter-Layer Prerequisite" column must be false.

Table 2 (auto-fill): GATT-Based Services

Item	Feature*	Reference	Inter-Layer Prerequisite	Status
1a	Authorization Control Service (ACS) over BR/EDR	[26]	[26] ACS 2/1	M
1b	Authorization Control Service (ACS) over LE	[26]	[26] ACS 2/2	M
2a	Audio Input Control Service (AICS) over BR/EDR	[27]	[27] AICS 1/1	M
2b	Audio Input Control Service (AICS) over LE	[27]	[27] AICS 1/2	M
3a	Automation IO Service (AIOS) over BR/EDR	[28]	[28] AIOS 1/1	M
3b	Automation IO Service (AIOS) over LE	[28]	[28] AIOS 1/2	M
4a	Alert Notification Service (ANS) over BR/EDR	[29]	[29] ANS 1/1	C.1
4b	Alert Notification Service (ANS) over LE	[29]	[29] ANS 1/2	M
5a	Audio Stream Control Service (ASCS) over BR/EDR	[30]	[30] ASCS 2/1	M
5b	Audio Stream Control Service (ASCS) over LE	[30]	[30] ASCS 2/2	M
6a	Battery Service (BAS) over BR/EDR	[31]	[31] BAS 1/1	M
6b	Battery Service (BAS) over LE	[31]	[31] BAS 1/2	M
7a	Broadcast Audio Scan Service (BASS) over BR/EDR	[32]	[32] BASS 2/1	M
7b	Broadcast Audio Scan Service (BASS) over LE	[32]	[32] BASS 2/2	M
8a	Body Composition Service (BCS) over BR/EDR	[33]	[33] BCS 2/1	M
8b	Body Composition Service (BCS) over LE	[33]	[33] BCS 2/2	M
9a	Blood Pressure Service (BLS) over BR/EDR	[34]	[34] BLS 1/1	C.1
9b	Blood Pressure Service (BLS) over LE	[34]	[34] BLS 1/2	M
10a	Bond Management Service (BMS) over BR/EDR	[35]	[35] BMS 2/1	M

Item	Feature*	Reference	Inter-Layer Prerequisite	Status
10b	Bond Management Service (BMS) over LE	[35]	[35] BMS 2/2	M
11a	Binary Sensor Service (BSS) over BR/EDR	[36]	[36] BSS 2/1	C.1
11b	Binary Sensor Service (BSS) over LE	[36]	[36] BSS 2/2	M
12a	Common Audio Service (CAS) over BR/EDR	[37]	[37] CAS 2/1	M
12b	Common Audio Service (CAS) over LE	[37]	[37] CAS 2/2	M
13a	Continuous Glucose Monitoring Service (CGMS) over BR/EDR	[38]	[38] CGMS 1/1	M
13b	Continuous Glucose Monitoring Service (CGMS) over LE	[38]	[38] CGMS 1/2	M
14a	Cycling Power Service (CPS) over BR/EDR	[39]	[39] CPS 1/1	M
14b	Cycling Power Service (CPS) over LE	[39]	[39] CPS 1/2	M
15a	Cycling Speed and Cadence Service (CSCS) over BR/EDR	[40]	[40] CSCS 1/1	M
15b	Cycling Speed and Cadence Service (CSCS) over LE	[40]	[40] CSCS 1/2	M
16a	Coordinated Set Identification Service (CSIS) over BR/EDR	[41]	[41] CSIS 1/1	M
16b	Coordinated Set Identification Service (CSIS) over LE	[41]	[41] CSIS 1/2	M
17a	Constant Tone Extension Service (CTES) over BR/EDR	[42]	[42] CTES 1/1	C.1
17b	Constant Tone Extension Service (CTES) over LE	[42]	[42] CTES 1/2	M
18a	Current Time Service (CTS) over BR/EDR	[43]	[43] CTS 1/1	M
18b	Current Time Service (CTS) over LE	[43]	[43] CTS 1/2	M
65a	Cookware Service (CWS) over BR/EDR	[89]	[89] CWS 2/1	M
65b	Cookware Service (CWS) over LE	[89]	[89] CWS 2/2	M
19a	Device Information Service (DIS) over BR/EDR	[44]	[44] DIS 1/1	M
19b	Device Information Service (DIS) over LE	[44]	[44] DIS 1/2	M
20a	Device Time Service (DTS) over BR/EDR	[45]	[45] DTS 1/1	M
20b	Device Time Service (DTS) over LE	[45]	[45] DTS 1/2	M
21a	Emergency Configuration Service (EMCS) over BR/EDR	[46]	[46] EMCS 2/1	C.1
21b	Emergency Configuration Service (EMCS) over LE	[46]	[46] EMCS 2/2	M
22a	Electronic Shelf Label Service (ESLS) over BR/EDR	[47]	[47] ESLS 2/1	C.1
22b	Electronic Shelf Label Service (ESLS) over LE	[47]	[47] ESLS 2/2	M
23a	Environmental Sensing Service (ESS) over BR/EDR	[48]	[48] ESS 2/1	M

Item	Feature*	Reference	Inter-Layer Prerequisite	Status
23b	Environmental Sensing Service (ESS) over LE	[48]	[48] ESS 2/2	M
24a	Elapsed Time Service (ETS) over BR/EDR	[49]	[49] ETS 2/1	M
24b	Elapsed Time Service (ETS) over LE	[49]	[49] ETS 2/2	M
63a	Gaming Audio Service (GMAS) over BR/EDR	[86]	[86] GMAP 108/2	M
63b	Gaming Audio Service (GMAS) over LE	[86]	[86] GMAP 108/1	M
25a	Fitness Machine Service (FTMS) over BR/EDR	[50]	[50] FTMS 2/1	M
25b	Fitness Machine Service (FTMS) over LE	[50]	[50] FTMS 2/2	M
26a	Generic Health Sensor Service (GHSS) over BR/EDR	[51]	[51] GHSS 2/1	M
26b	Generic Health Sensor Service (GHSS) over LE	[51]	[51] GHSS 2/2	M
27a	Glucose Service (GLS) over BR/EDR	[52]	[52] GLS 1/1	C.1
27b	Glucose Service (GLS) over LE	[52]	[52] GLS 1/2	M
28a	Generic Media Control Service (GMCS) over BR/EDR	[64]	[64] MCS 21/1	M
28b	Generic Media Control Service (GMCS) over LE	[64]	[64] MCS 21/2	M
29a	Generic Telephone Bearer Service (GTBS) over BR/EDR	[76]	[76] TBS 21/1	M
29b	Generic Telephone Bearer Service (GTBS) over LE	[76]	[76] TBS 21/2	M
30a	Hearing Access Service (HAS) over BR/EDR	[53]	[53] HAS 2/1	C.1
30b	Hearing Access Service (HAS) over LE	[53]	[53] HAS 2/2	M
64a	HID ISO Service over BR/EDR (HOGP)	[88]	[88] HOGP 2/1	C.1
64b	HID ISO Service over LE (HOGP)	[88]	[88] HOGP 3/6	M
31a	HID Service (HIDS) over BR/EDR	[54]	[54] HIDS 1/1	C.1
31b	HID Service (HIDS) over LE	[54]	[54] HIDS 1/2	M
32a	HTTP Proxy Service (HPS) over BR/EDR	[55]	[55] HPS 1/1	M
32b	HTTP Proxy Service (HPS) over LE	[55]	[55] HPS 1/2	M
33a	Heart Rate Service (HRS) over BR/EDR	[56]	[56] HRS 1/1	C.1
33b	Heart Rate Service (HRS) over LE	[56]	[56] HRS 1/2	M
34a	Health Thermometer Service (HTS) over BR/EDR	[57]	[57] HTS 1/1	C.1
34b	Health Thermometer Service (HTS) over LE	[57]	[57] HTS 1/2	M
35a	Immediate Alert Service (IAS) over BR/EDR	[58]	[58] IAS 1/1	C.1
35b	Immediate Alert Service (IAS) over LE	[58]	[58] IAS 1/2	M
61a	Industrial Measurement Device Service (IMDS) over BR/EDR	[84]	[84] IMDS 2/1	M
61b	Industrial Measurement Device Service (IMDS) over LE	[84]	[84] IMDS 2/2	M

Item	Feature*	Reference	Inter-Layer Prerequisite	Status
36a	Insulin Delivery Service (IDS) over BR/EDR	[59]	[59] IDS 1/1	C.1
36b	Insulin Delivery Service (IDS) over LE	[59]	[59] IDS 1/2	M
37a	Indoor Positioning Service (IPS) over BR/EDR	[60]	[60] IPS 3/1	M
37b	Indoor Positioning Service (IPS) over LE	[60]	[60] IPS 3/2	M
38a	IP Support Service Declaration (Internet Protocol Support Service (IPSS)) over BR/EDR	[61]	[61] IPSP 2/2 AND IPSP 3/1	C.1
38b	IP Support Service Declaration (Internet Protocol Support Service (IPSS)) over LE	[61]	[61] IPSP 2/1 AND IPSP 3/1	M
39a	Link Loss Service (LLS) over BR/EDR	[62]	[62] LLS 1/1	C.1
39b	Link Loss Service (LLS) over LE	[62]	[62] LLS 1/2	M
40a	Location and Navigation Service (LNS) over BR/EDR	[63]	[63] LNS 1/1	M
40b	Location and Navigation Service (LNS) over LE	[63]	[63] LNS 1/2	M
41a	Media Control Service (MCS) over BR/EDR	[64]	[64] MCS 1/1	M
41b	Media Control Service (MCS) over LE	[64]	[64] MCS 1/2	M
42a	Microphone Control Service (MICS) over BR/EDR	[65]	[65] MICS 1/1	M
42b	Microphone Control Service (MICS) over LE	[65]	[65] MICS 1/2	M
43a	Next DST Change Service (NDCS) over BR/EDR	[66]	[66] NDCS 1/1	C.1
43b	Next DST Change Service (NDCS) over LE	[66]	[66] NDCS 1/2	M
44a	Object Transfer Service (OTS) over BR/EDR	[67]	[67] OTS 2/2	M
44b	Object Transfer Service (OTS) over LE	[67]	[67] OTS 2/1	M
45a	Published Audio Capabilities Service (PACS) over BR/EDR	[68]	[68] PACS 2/1	M
45b	Published Audio Capabilities Service (PACS) over LE	[68]	[68] PACS 2/2	M
46a	Physical Activity Monitor Service (PAMS) over BR/EDR	[69]	[69] PAMS 1/1	M
46b	Physical Activity Monitor Service (PAMS) over LE	[69]	[69] PAMS 1/2	M
47a	Phone Alert Status Service (PASS) over BR/EDR	[70]	[70] PASS 1/1	C.1
47b	Phone Alert Status Service (PASS) over LE	[70]	[70] PASS 1/2	M
48a	Pulse Oximeter Service (PLXS) over BR/EDR	[71]	[71] PLXS 1/1	M
48b	Pulse Oximeter Service (PLXS) over LE	[71]	[71] PLXS 1/2	M
62a	Ranging Service (RAS) over BR/EDR	[85]	[85] RAS 1/1	C.1
62b	Ranging Service (RAS) over LE	[85]	[85] RAS 1/2	M

Item	Feature*	Reference	Inter-Layer Prerequisite	Status
49a	Reconnection Configuration Service (RCS) over BR/EDR	[72]	[72] RCS 2/2	C.1
49b	Reconnection Configuration Service (RCS) over LE	[72]	[72] RCS 2/1	M
50a	Running Speed and Cadence Service (RSCS) over BR/EDR	[73]	[73] RSCS 1/1	M
50b	Running Speed and Cadence Service (RSCS) over LE	[73]	[73] RSCS 1/2	M
51a	Reference Time Update Service (RTUS) over BR/EDR	[74]	[74] RTUS 1/1	C.1
51b	Reference Time Update Service (RTUS) over LE	[74]	[74] RTUS 1/2	M
52a	Scan Parameters Service (SCPS) over BR/EDR	[75]	[75] SCPS 1/1	C.1
52b	Scan Parameters Service (SCPS) over LE	[75]	[75] SCPS 1/2	M
53a	Telephone Bearer Service (TBS) over BR/EDR	[76]	[76] TBS 1/1	M
53b	Telephone Bearer Service (TBS) over LE	[76]	[76] TBS 1/2	M
54a	Transport Discovery Service (TDS) over BR/EDR	[77]	[77] TDS 2/2	M
54b	Transport Discovery Service (TDS) over LE	[77]	[77] TDS 2/1	M
55a	Telephony and Media Audio Service (TMAS) over BR/EDR	[78]	[78] TMAP 154/2	M
55b	Telephony and Media Audio Service (TMAS) over LE	[78]	[78] TMAP 154/1	M
56a	Tx Power Service (TPS) over BR/EDR	[79]	[79] TPS 1/1	C.1
56b	Tx Power Service (TPS) over LE	[79]	[79] TPS 1/2	M
57a	User Data Service (UDS) over BR/EDR	[80]	[80] UDS 2/1	M
57b	User Data Service (UDS) over LE	[80]	[80] UDS 2/2	M
58a	Volume Control Service (VCS) over BR/EDR	[81]	[81] VCS 1/1	M
58b	Volume Control Service (VCS) over LE	[81]	[81] VCS 1/2	M
59a	Volume Offset Control Service (VOCS) over BR/EDR	[82]	[82] VOCS 1/1	M
59b	Volume Offset Control Service (VOCS) over LE	[82]	[82] VOCS 1/2	M
60a	Weight Scale Service (WSS) over BR/EDR	[83]	[83] WSS 2/1	M
60b	Weight Scale Service (WSS) over LE	[83]	[83] WSS 2/2	M

C.1: Excluded for this Service.

* Table is ordered alphabetically by Feature.

Table 2a (auto-fill): Implementation of at Least One GATT-Based Service

Item	Feature	Reference	Inter-Layer Prerequisite	Status
1	Implementation of at least one GATT-based service over BR/EDR	N/A	N/A	C.1
2	Implementation of at least one GATT-based service over LE	N/A	N/A	C.2

C.1:   Mandatory IF at least one GATT-Based Service supported over BR/EDR in Table 2 is supported, otherwise Excluded.

C.2:   Mandatory IF at least one GATT-Based Service supported over LE in Table 2 is supported, otherwise Excluded.

3   References

[1]   ICS Proforma for 3D Synchronization Profile (3DSP)

[2]   ICS Proforma for Advanced Audio Distribution Profile (A2DP)

[3]   ICS Proforma for Audio/Video Remote Control Profile (AVRCP)

[4]   ICS Proforma for Basic Imaging Profile (BIP)

[5]   ICS Proforma for Basic Printing Profile (BPP)

[6]   ICS Proforma for Calendar, Tasks and Notes Profile (CTN)

[7]   ICS Proforma for Device ID (DID)

[8]   ICS Proforma for Dial-up Networking Profile (DUN)

[9]   ICS Proforma for File Transfer Profile (FTP)

[10]   ICS Proforma for Global Navigation Satellite System Profile (GNSS)

[11]   ICS Proforma for Hardcopy Cable Replacement Profile (HCRP)

[12]   ICS Proforma for Health Device Profile (HDP)

[13]   ICS Proforma for Hands-Free Profile (HFP)

[14]   ICS Proforma for Human Interface Device Profile 1.0 (HID)

[15]   ICS Proforma for Human Interface Device Profile 1.1 or later (HID11)

[16]   ICS Proforma for Headset Profile (HSP)

[17]   ICS Proforma for Message Access Profile (MAP)

[18]   ICS Proforma for Multi-Profile Specification (MPS)

[19]   ICS Proforma for Object Push Profile (OPP)

[20]   ICS Proforma for Personal Area Networking Profile (PAN)

[21]   ICS Proforma for Phone Book Access Profile (PBAP)

[22]   ICS Proforma for SIM Access Profile (SAP)

[23]   ICS Proforma for Serial Port Profile (SPP)

[24]   ICS Proforma for Synchronization Profile (SYNC)

[25]   ICS Proforma for Video Distribution Profile (VDP)

[26]   ICS Proforma for Authorization Control Service (ACS)

[27]   ICS Proforma for Audio Input Control Service (AICS)

[28]   ICS Proforma for Automation IO Service (AIOS)

[29]   ICS Proforma for Alert Notification Service (ANS)

[30]   ICS Proforma for Audio Stream Control Service (ASCS)

[31]   ICS Proforma for Battery Service (BAS)

[32]   ICS Proforma for Broadcast Audio Scan Service (BASS)

[33]   ICS Proforma for Body Composition Service (BCS)

[34]   ICS Proforma for Blood Pressure Service (BLS)

[35]   ICS Proforma for Bond Management Service (BMS)

[36]   ICS Proforma for Binary Sensor Service (BSS)

[37]   ICS Proforma for Common Audio Service (CAS)

[38]   ICS Proforma for Continuous Glucose Monitoring Service (CGMS)

[39]   ICS Proforma for Cycling Power Service (CPS)

[40]   ICS Proforma for Cycling Speed and Cadence Service (CSCS)

[41]   ICS Proforma for Coordinated Set Identification Service (CSIS)

[42]   ICS Proforma for Constant Tone Extension Service (CTES)

[43]   ICS Proforma for Current Time Service (CTS)

[44]   ICS Proforma for Device Information Service (DIS)

[45]   ICS Proforma for Device Time Service (DTS)

[46]   ICS Proforma for Emergency Configuration Service (EMCS)

[47]   ICS Proforma for Electronic Shelf Label Service (ESLS)

[48]   ICS Proforma for Environmental Sensing Service (ESS)

[49]   ICS Proforma for Elapsed Time Service (ETS)

[50]   ICS Proforma for Fitness Machine Service (FTMS)

[51]   ICS Proforma for Generic Health Sensor Service (GHSS)

[52]   ICS Proforma for Glucose Service (GLS)

[53]   ICS Proforma for Hearing Access Service (HAS)

[54]   ICS Proforma for HID Service (HIDS)

[55]   ICS Proforma for HTTP Proxy Service (HPS)

[56]   ICS Proforma for Heart Rate Service (HRS)

[57]   ICS Proforma for Health Thermometer Service (HTS)

[58]   ICS Proforma for Immediate Alert Service (IAS)

[59]   ICS Proforma for Insulin Delivery Service (IDS)

[60]   ICS Proforma for Indoor Positioning Service (IPS)

[61]   ICS Proforma for Internet Protocol Support Profile (IPSP)

[62]   ICS Proforma for Link Loss Service (LLS)

[63]   ICS Proforma for Location and Navigation Service (LNS)

[64]   ICS Proforma for Media Control Service (MCS)

[65]   ICS Proforma for Microphone Control Service (MICS)

[66]   ICS Proforma for Next DST Change Service (NDCS)

[67]   ICS Proforma for Object Transfer Service (OTS)

[68]   ICS Proforma for Published Audio Capabilities Service (PACS)

[69]   ICS Proforma for Physical Activity Monitor Service (PAMS)

[70]   ICS Proforma for Phone Alert Status Service (PASS)

[71]   ICS Proforma for Pulse Oximeter Service (PLXS)

[72]   ICS Proforma for Reconnection Configuration Service (RCS)

[73]   ICS Proforma for Running Speed and Cadence Service (RSCS)

[74]   ICS Proforma for Reference Time Update Service (RTUS)

[75]   ICS Proforma for Scan Parameters Service (SCPS)

[76]   ICS Proforma for Telephone Bearer Service (TBS)

[77]   ICS Proforma for Transport Discovery Service (TDS)

[78]   ICS Proforma for Telephony and Media Audio Profile (TMAP)

[79]   ICS Proforma for Tx Power Service (TPS)

[80]   ICS Proforma for User Data Service (UDS)

[81]   ICS Proforma for Volume Control Service (VCS)

[82]   ICS Proforma for Volume Offset Control Service (VOCS)

[83]   ICS Proforma for Weight Scale Service (WSS)

[84]   ICS Proforma for Industrial Measurement Device (IMDS)

[85]   ICS Proforma for Ranging Service (RAS)

[86]   ICS Proforma for Gaming Audio Profile (GMAP)

[87]   Bluetooth SIG Assigned Numbers

[88]   ICS Proforma for HID Over GATT Profile (HOGP)

[89]   ICS Proforma for Cookware Service (CWS)

4   Revision history and acknowledgments

Revision History

Publication Number	Revision Number	Date	Comments
	p0r00–r04	2023-08-16 – 2023-12-20	TSE 18945 (rating 2): New document to cover IOPT ICS needs. TSE 24239 (rating 4): Added IOPT ICS items 1a/1 and 2a/1 to simplify the TCMT for IOPT tests that apply when at least one SDP record or GATT service is present in the database. Updated the document to align with latest standards.
0	p0	2024-07-01	Approved by BTI on 2024-05-22. Prepared for TCRL 2024-1 publication.
	p1r00	2024-10-02	Incorporated IOPT-related CR supporting the IMDS v1.0 adoption.
1	p1	2024-10-22	Approved by BTI on 2024-10-13. IMDS v1.0 adopted by the BoD on 2024-10-15. Prepared for supporting publication.
	p2r00	2024-10-30	Incorporated IOPT-related CR supporting the RAS v1.0 adoption.
2	p2	2024-11-19	Approved by BTI on 2024-11-10. RAS v1.0 adopted by the BoD on 2024-11-12. Prepared for supporting publication.
	p2ed2r00	2024-12-05	TSE 26787 (rating 1): Relocated Tables 1a and 2a to follow Tables 1 and 2, respectively, to enable proper Qualification Workspace operation. In Table 1, updated the feature value for Items 1/7, 1/10, 1/14, 1/15, and 1/20. In Table 2, updated the introductory text; updated the status value for Items 2/4a, 2/4b, 2/9a, 2/9b, 2/11a, 2/11b, 2/17a, 2/17b, 2/21a, 2/21b, 2/22a, 2/22b, 2/27a, 2/27b, 2/30a, 2/30b, 2/31a, 2/31b, 2/33a, 2/33b, 2/34a, 2/34b, 2/35a, 2/35b, 2/36a, 2/36b, 2/38a, 2/38b, 2/39a, 2/39b, 2/43a, 2/43b, 2/47a, 2/47b, 2/49a, 2/49b, 2/51a, 2/51b, 2/52a, 2/52b, 2/56a, and 2/56b; updated the inter-layer prerequisite values for 2/38a, 2/38b, 2/44a, 2/44b, 2/49a, 2/49b, 2/54a, 2/54b, 2/55a, 2/55b, and 2/59b; deleted Items 2/55c and 2/55d; and added Items 2/63a and 2/63b. Swapped Items 1 and 2 in Table 2a. Updated the references list. Editorial updates to align the document with the latest ICS template.
	p2 edition 2	2025-01-08	Approved by BTI on 2025-01-08. Prepared for edition 2 publication.
	p3r00	2025-07-14	TSE 27956 (rating 4): Updated Table 2 to include HID ISO Service over BR/EDR and LE. Updated the references list.
3	p3	2025-08-12	Approved by BTI on 2025-07-14. HOGP v1.1 adopted by the BoD on 2025-08-11. Prepared for supporting publication.
	p4r00	2025-09-26	Incorporated IOPT-related CR supporting the CWS v1.0 adoption. Updated the references list.

Publication Number	Revision Number	Date	Comments
4	p4	2025-11-04	Approved by BTI on 2025-10-16. CWP v1.0, CWS v1.0, CSIS v1.1, and CSIP v1.1 adopted by the BoD on 2025-11-03. Prepared for supporting publication.

Acknowledgments

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