

# ETSI TS 134 229-2 V15.9.0 (2022-01)



TECHNICAL SPECIFICATION

**Universal Mobile Telecommunications System (UMTS);  
LTE;  
5G;**

**Internet Protocol (IP) multimedia call control protocol  
based on Session Initiation Protocol (SIP) and Session  
Description Protocol (SDP);**

**User Equipment (UE) conformance specification;**

**Part 2: Implementation Conformance Statement (ICS) specification  
(3GPP TS 34.229-2 version 15.9.0 Release 15)**



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Reference

RTS/TSGR-0534229-2vf90

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Keywords

5G,LTE,UMTS

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# Contents

Intellectual Property Rights .....	2
Legal Notice .....	2
Modal verbs terminology.....	2
Foreword.....	4
Introduction .....	4
1 Scope .....	5
2 References .....	5
3 Definitions and abbreviations.....	5
3.1 Definitions .....	5
4 Recommended test case applicability.....	5
<b>Annex A: Void .....</b>	<b>6</b>
<b>Annex B (informative): Change history .....</b>	<b>7</b>
History .....	17

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# Foreword

This Technical Specification has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

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- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

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# Introduction

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

The present document is 2<sup>nd</sup> part of a multi-part conformance test specification for UE and is *valid for 3GPP Release 5 (respectively Release 15 for 5GS test cases)*. The specification contains the UE IMS CC capability and the applicability of the UE IMS CC conformance test cases.

3GPP TS 34.229-1 [5]: Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification.

**3GPP TS 34.229-2 (the present document): "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification" - current document.**

3GPP TS 34.229-3 [6]: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 3: Abstract Test Suites (ATS)".

3GPP TS 34.229-5 [95]: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 5: Protocol conformance specification using 5G System (5GS)"

Note: For conformance testing of the UTRAN requirements refer to 3GPP TS 34.123 Parts 1 to 3 [2] [3] [4].

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# 1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3<sup>rd</sup> Generation User Equipment (UE) supporting the Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP), in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 [8] and ETS 300 406 [9].

The present document also specifies a recommended applicability statement for the test cases included in TS 34.229-1 [5] and TS 34.229-5 [95]. These applicability statements are based on the features implemented in the UE.

The present document is valid for UE implemented according to 3GPP releases starting from Release 5 up to the Release indicated on the cover page of the present document.

Also, it is generally assumed that an IMS capable UE is compliant to GSMA PRD IR.92 [83] and GSMA PRD IR.94 [75]; any update of requirements in these GSMA PRD documents, which are relevant to the present document will be handled on a case by case basis, with due consideration given for grace period to be granted for the UE to comply to any updated requirements.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

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- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document in the same Release as the present document unless the context in which the reference is made suggests a different Release is relevant (information on the applicable release in a particular context can be found in e.g. test case title, description or applicability, message description or content).

[1] to [98]        (void)

[99]              3GPP TS 34.229-2 Release 16: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) specification"

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# 3 Definitions and abbreviations

## 3.1 Definitions

Void

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# 4 Recommended test case applicability

The requirements of the present document are provided in 3GPP TS 34.229-2 Release 16 [99].

## Annex A: Void

## Annex B (informative): Change history



Meeting -1st- Level	Doc-1st- Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd- Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
-	-	-	-	Update to version 2.0.0 during RAN5#31 e-mail agreement procedure	-	1.0.0	2.0.0	R5-061399
RP-32	RP-060320	-	-	MCC Editorial clean up version 2.0.1 - and present to RAN#32 for approval to go under revision control (as version 5.0.0)	-	2.0.0	2.0.1	-
-	-	-	-	Update to version 5.0.0 after RAN#32	-	2.0.1	5.0.0	-
RP-33	RP-060565	0001	-	Applicability for new P-CSCF Discovery List test cases	F	5.0.0	5.1.0	R5-062365
RP-33	RP-060565	0002	-	CR to 34.229-2: Update applicability table for IMSCC test	F	5.0.0	5.1.0	R5-062026
RP-34	RP-060746	0003	-	Updating of test cases to cover both IMS support and early IMS security scenarios, ICS part	F	5.1.0	5.2.0	R5-063528
RP-34	RP-060746	0004	-	ICS part for new registration test cases 8.5, 8.6 and 8.7 for early IMS security	F	5.1.0	5.2.0	R5-063527
RP-34	RP-060746	0005	-	Removal of MO Call - 488 not accepted here for rel 5, ICS part	F	5.1.0	5.2.0	R5-063331
RP-34	RP-060746	0006	-	Production of pointer version 5.2.0 of TS 34.229-2 with no technical contents	F	5.1.0	5.2.0	R5-063292
RP-34	RP-060748	0007	-	Update to 34.229-2 : Major capabilities	F	5.1.0	6.0.0	R5-063571
RP-35	RP-070089	0008	-	IMS security and early IMS security capability update	F	6.0.0	6.1.0	R5-070426
RP-35	RP-070089	0009	-	Removal of applicability statements for IMS test cases 7.7 and 7.8	F	6.0.0	6.1.0	R5-070330
RP-36	RP-070362	0010		Applicability of IMS TC 13.4	F	6.1.0	6.2.0	R5-071060
RP-36	RP-070362	0011		Coding options for the IPv4 address in PCO IE	F	6.1.0	6.2.0	R5-071438
RP-36	RP-070362	0013		Applicability of Call Control TCs	F	6.1.0	6.2.0	R5-071507
RP-37	RP-070607	0014	-	Applicability of re- and de-registration TCs for early IMS	F	6.2.0	6.3.0	R5-072115
RP-38	RP-070874	0017		Production of 34.229-2 pointer version in Rel-6 pointing to Rel-7 version	F	6.3.0	6.4.0	R5-073279
RP-38	RP-070882	0015		Applicability of new MTSI MO Call and Call Hold test cases	F	6.3.0	7.0.0	R5-073445
RP-38	RP-070882	0016		Add MTSI media capabilities	F	6.3.0	7.0.0	R5-073096
RP-39	RP-080113	0018		Applicability for new MTSI test cases 15.12, 15.13 and 15.23	F	7.0.0	7.1.0	R5-080597
RP-39	RP-080113	0019		Applicability for MTSI test case MO MTSI Text call	F	7.0.0	7.1.0	R5-080562
RP-39	RP-080114	0020		Applicability for MTSI test case Speech AMR, indicate all codec modes	F	7.0.0	7.1.0	R5-080081
RP-39	RP-080114	0021		Applicability for MTSI test case Speech AMR-WB, indicate all codec modes	F	7.0.0	7.1.0	R5-080083
RP-39	RP-080114	0022		Applicability for MTSI test case MT Video, add speech remove speech	F	7.0.0	7.1.0	R5-080590
RP-39	RP-080114	0023		Update SDP applicability tables	F	7.0.0	7.1.0	R5-080578
RP-39	RP-080114	0024		Update references in TS 34.229-2	F	7.0.0	7.1.0	R5-080090
RP-39	RP-080114	0025		Update key to status codes	F	7.0.0	7.1.0	R5-080091
RP-39	RP-080114	0026		Addition of Applicability Statement for new MTSI test cases	F	7.0.0	7.1.0	R5-080603
RP-40	RP-080376	0027		Applicability statements of new MTSI test cases	F	7.1.0	7.2.0	<a href="#">R5-081500</a>
RP-40	RP-080376	0028		Media change capabilities	F	7.1.0	7.2.0	<a href="#">R5-081084</a>
RP-40	RP-080376	0029		Applicability for new MTSI test case MT MTSI Speech call	F	7.1.0	7.2.0	<a href="#">R5-081085</a>
RP-40	RP-080376	0030		Applicability for new MTSI test case MT MTSI Video call	F	7.1.0	7.2.0	<a href="#">R5-081086</a>
RP-40	RP-080376	0031		Applicability for new MTSI test case Speech AMR indicate selective codec modes	F	7.1.0	7.2.0	<a href="#">R5-081088</a>
RP-40	RP-080376	0032		Applicability for new MTSI test case Speech AMR-WB indicate selective codec modes	F	7.1.0	7.2.0	<a href="#">R5-081089</a>
RP-40	RP-080376	0033		Applicability for new MTSI test case MT Speech add video remove video	F	7.1.0	7.2.0	<a href="#">R5-081090</a>
RP-40	RP-080376	0034		Applicability for new MTSI test case MT Speech add video remove speech	F	7.1.0	7.2.0	<a href="#">R5-081091</a>
RP-41	RP-080564	0035		Update applicabilities for clause 12 test cases	F	7.2.0	7.3.0	R5-083134
RP-41	RP-080564	0036		Update applicabilities for clause 17 test cases	F	7.2.0	7.3.0	R5-083135
RP-41	RP-080564	0037		Update applicabilities for clause 16 test cases	F	7.2.0	7.3.0	R5-083136
RP-41	RP-080564	0038		Remove table for MTSI media change	F	7.2.0	7.3.0	R5-083137
RP-41	RP-080564	0039		Correct applicability for test case 14.2	F	7.2.0	7.3.0	R5-083452
RP-41	RP-080564	0040		Applicability statements of new MTSI test cases	F	7.2.0	7.3.0	R5-083560
RP-41	RP-080557	0041		Removal of reference to IMS test case 13.4	F	7.2.0	7.3.0	R5-083586
RP-42	RP-080966	0042		Applicability statements of new MTSI test cases	F	7.3.0	8.0.0	R5-085049

Meeting -1st- Level	Doc-1st- Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd- Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-42	RP-080966	0043		Remove applicabilities for non MTSI related call setup test cases	F	7.3.0	8.0.0	R5-085352
RP-42	RP-080966	0044		Remove applicabilities for non mandatory use cases	F	7.3.0	8.0.0	R5-085434
RP-42	RP-080966	0045		Update of applicability of MTSI test cases for adding/removing media	F	7.3.0	8.0.0	R5-085444
RP-43	RP-090205	0046		Update of TS 34.229-2 from Rel-7 to Rel-8	F	7.3.0	8.0.0	R5-090764
RP-43	RP-090214	0047		Applicability statements of new MTSI test cases	F	8.0.0	8.1.0	R5-090346
RP-43	RP-090214	0048		Applicability statements of new MTSI test cases	F	8.0.0	8.1.0	R5-090624
RP-43	RP-090214	0049		Remove applicabilities for non MTSI related call setup test cases (2nd)	F	8.0.0	8.1.0	R5-090626
RP-43	RP-090214	0050		Add applicabilities for new clause 16 test cases	F	8.0.0	8.1.0	R5-090627
RP-43	RP-090214	0051		Remove applicabilities for removed clause 16 test cases	F	8.0.0	8.1.0	R5-090628
RP-43	RP-090214	0052		Add applicability for new clause 17 test case	F	8.0.0	8.1.0	R5-090629
RP-44	RP-090433	0053		Addition of PICS for support of UI Message Waiting Indication	F	8.1.0	8.2.0	R5-092218
RP-45	RP-090794	0054		Update table A.318 SDP types	F	8.2.0	8.3.0	R5-094354
RP-46	RP-091116	0055		Update applicability for test cases 14.1 and 14.2	F	8.3.0	8.4.0	R5-095818
RP-46	RP-091118	0056		Update applicability for test case 12.2	F	8.3.0	8.4.0	R5-095820
RP-46	RP-091118	0057		Update table A.12	F	8.3.0	8.4.0	R5-096181
RP-47	RP-100155	0058	-	Addition of applicability for new SMS over IMS test case	F	8.4.0	8.5.0	R5-100083
RP-47	RP-100155	0059	-	Add capability for SMS over IP	F	8.4.0	8.5.0	R5-100510
RP-47	RP-100155	0060	-	Add applicability for SMS test cases	F	8.4.0	8.5.0	R5-100511
RP-47	-	-	-	Moved to v9.0.0 with no change	-	8.5.0	9.0.0	-
RP-48	RP-100511	0061	-	Adding capabilities to TS 34.229-2 for VoLTE profile alignment	F	9.0.0	9.1.0	R5-103856
RP-49	RP-100985	0063	-	Introducing new MTSI test cases for CF and CW	F	9.1.0	9.2.0	R5-104293
RP-49	RP-100986	0064	-	Add radio capabilities	F	9.1.0	9.2.0	R5-104312
RP-49	RP-100986	0065	-	Update security scheme with GIBA	F	9.1.0	9.2.0	R5-104436
RP-49	RP-100986	0066	-	Update applicability for clause 8 registration test cases	F	9.1.0	9.2.0	R5-104438
RP-49	RP-100986	0067	-	Update applicability for test case 13.1	F	9.1.0	9.2.0	R5-104439
RP-49	RP-100838	0068	-	Introducing new test cases for IMS emergency registration	F	9.1.0	9.2.0	R5-104737
-	-	-	-	Editorial renumbering of test cases 15.27 - 15.30 in order to align with GCF list	-	9.1.0	9.2.0	-
RP-50	RP-101146	0072	-	Remove applicability for test case 14.1 and 14.2	F	9.2.0	9.3.0	R5-106488
RP-50	RP-101146	0071	-	Update of applicability for MTSI test cases	F	9.2.0	9.3.0	R5-106302
RP-50	RP-101146	0070	-	Remove PSS tables	F	9.2.0	9.3.0	R5-106239
RP-50	RP-101146	0069	-	Add new test case 15.14a CB while roaming	F	9.2.0	9.3.0	R5-106153
RP-50	RP-101146	0073	-	Update security, addressing and SIP compression tables	F	9.2.0	9.3.0	R5-106579
RP-50	RP-101156	0076	-	Introducing TC 19.1.1 Basic IMS emergency call over EPS	F	9.2.0	9.3.0	R5-106591
RP-50	RP-101146	0075	-	Update MTSI information	F	9.2.0	9.3.0	R5-106584
RP-50	RP-101146	0074	-	Update additional information for IPv4	F	9.2.0	9.3.0	R5-106582
RP-50	RP-101146	0078	-	Update abbreviations and conventions	F	9.2.0	9.3.0	R5-106686
RP-50	RP-101146	0077	-	Rel-8 IMS test case applicabilities	F	9.2.0	9.3.0	R5-106685
-	-	-	-	Added email agreed R5-106685	-	9.3.0	9.3.1	-
RP-51	RP-110165	0079	-	Applicability for IMS TCs updated or added to Rel-8	F	9.3.1	9.4.0	R5-110264
RP-51	RP-110174	0080	-	Introducing IMS emergency TCs 19.1.2, 19.1.4, 19.5.6	F	9.3.1	9.4.0	R5-110270
RP-51	RP-110165	0081	-	Update roles and ICS related to SIP	F	9.3.1	9.4.0	R5-110291
RP-51	RP-110165	0082	-	Update applicability roles	F	9.3.1	9.4.0	R5-110292

Meeting -1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd-Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-51	RP-110165	0083	-	Update SIP compression table	F	9.3.1	9.4.0	R5-110293
RP-51	RP-110165	0084	-	Remove SDP tables	F	9.3.1	9.4.0	R5-110294
RP-51	RP-110165	0085	-	Update additional information	F	9.3.1	9.4.0	R5-110295
RP-51	RP-110165	0086	-	Update UE implementation types	F	9.3.1	9.4.0	R5-110296
RP-51	RP-110165	0087	-	Update applicability for test case 10.1	F	9.3.1	9.4.0	R5-110378
RP-51	RP-110165	0088	-	Update applicability for test cases 12.2, 12.13, 12.16 and 12.17	F	9.3.1	9.4.0	R5-110379
RP-51	RP-110165	0089	-	Update applicability for test cases 16.1, 16.2, 16.3 and 16.4	F	9.3.1	9.4.0	R5-110381
RP-51	RP-110165	0090	-	Applicable release upgrade for clause 6 and 7 test cases	F	9.3.1	9.4.0	R5-110401
RP-51	RP-110165	0091	-	Update applicability of test cases 16.11, 16.12, 16.13, 17.2, 17.6, 17.17 and 17.18.	F	9.3.1	9.4.0	R5-110500
RP-51	RP-110165	0092	-	update applicability for test cases 13.1, 13.2 and 13.3	F	9.3.1	9.4.0	R5-110707
RP-51	RP-110174	0093	-	Introduction of applicability conditions for new test cases for CT1 aspects of IMS emergency call over GPRS and EPS	F	9.3.1	9.4.0	R5-110811
RP-51	RP-110174	0094	-	Applicability for new emergency test case 19.3.2	F	9.3.1	9.4.0	R5-110812
RP-51	RP-110165	0095	-	Introducing new MTSI test cases for Three Way Session and CW	F	9.3.1	9.4.0	R5-110822
RP-52	RP-110660	0096	-	New IMS emergency TCs 19.5.7, 19.5.8, 19.5.9, 19.5.10	F	9.4.0	9.5.0	R5-112175
RP-52	RP-110660	0097	-	Add applicability for new test case 19.4.1	F	9.4.0	9.5.0	R5-112497
RP-52	RP-110651	0098	-	Applicability for IMS TCs updated or added to Rel-8	F	9.4.0	9.5.0	R5-112647
RP-52	RP-110660	0099	-	Introduction of applicability conditions for new test cases for CT1 aspects of IMS emergency call over GPRS and EPS	F	9.4.0	9.5.0	R5-112652
RP-53	RP-111151	0100	-	Applicability of new test cases for SSAC	F	9.5.0	9.6.0	R5-113746
RP-54	RP-111591	0101	-	Correction to applicability for test case 19.5.9 and 19.5.10	F	9.6.0	9.7.0	R5-115183
RP-54	RP-111583	0102	-	Update test case numbering	F	9.6.0	9.7.0	R5-115345
RP-55	RP-120195	0103	-	Update to test case 12.19	F	9.7.0	9.8.0	R5-120437
RP-55	RP-120192	0104	-	Correcting applicability for test case 19.3.2 and a PICS condition	F	9.7.0	9.8.0	R5-120692
RP-56	RP-120657	0105	-	Update to ICS proforma table for Additional information	F	9.8.0	9.9.0	R5-121282
RP-56	RP-120655	0106	-	Removing TC 19.1.4 applicability	F	9.8.0	9.9.0	R5-121431
RP-56	RP-120655	0107	-	Adding applicability for test case 19.3.3 and 19.3.4	F	9.8.0	9.9.0	R5-121499
RP-56	RP-120649	0108	-	Applicability for video test cases 12.21, 12.22. 17.1 and 17.2	F	9.8.0	9.9.0	R5-122120
RP-57	RP-121103	0109	-	Update to ICS proforma table for Additional information	F	9.9.0	9.10.0	R5-123201

Meeting -1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd-Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-58	RP-121664	0110	-	Update applicability for emergency test cases	F	9.10.0	9.11.0	R5-125617
RP-58	RP-121685	0111	-	Update to ICS proforma table for Additional information	F	9.11.0	10.0.0	R5-126005
RP-60	RP-130625	0113	-	Addition of testing function	F	10.0.0	10.1.0	R5-131165
RP-60	RP-130611	0114	-	Applicability of 19.1.3a and 19.3.2a	F	10.0.0	10.1.0	R5-131876
RP-60	RP-130625	0115	-	34.229-2 specification clean up	F	10.0.0	10.1.0	R5-132012
RP-61	RP-131114	0116	-	Update reference for Update UE Location Information	F	10.1.0	10.2.0	R5-133631
RP-61	RP-131102	0117	-	Correction of applicability for test cases 19.1.1 and 19.3.1	F	10.1.0	10.2.0	R5-133708
RP-62	RP-131875	0118	-	Remove applicabilities for not needed test cases	F	10.2.0	10.3.0	R5-134298
RP-62	RP-131875	0119	-	Update for IR.92 version 7	F	10.2.0	10.3.0	R5-135021
RP-63	-	-	-	Upgraded to v11.0.0 without change	F	10.3.0	11.0.0	-
RP-63	RP-140306	0120	-	Remove applicability for test case 16.1	F	11.0.0	12.0.0	R5-140929
RP-63	RP-140306	0120	-	Remove applicability for test case 16.1	F	11.0.0	12.0.0	R5-140929
RP-63	RP-140334	0121	-	Applicability of new test cases for SSAC in connected mode	F	11.0.0	12.0.0	R5-140930
RP-63	RP-140333	0122	-	Addition of new condition for bSRVCC	F	11.0.0	12.0.0	R5-140968
RP-64	RP-140815	0123	-	Applicability of new test cases for the UE receiving SIP_380	F	12.0.0	12.1.0	R5-142959
RP-64	RP-140812	0124	-	Update call hold applicability for IR.92 versions	F	12.0.0	12.1.0	R5-142960
RP-65	RP-141571	0125	-	Editorial correction of the 16.4 test case title	F	12.1.0	12.2.0	R5-144130
RP-65	RP-141571	0126	-	Add XCAP capabilities	F	12.1.0	12.2.0	R5-144531
RP-65	RP-141571	0127	-	Editorial correction of codec table number	F	12.1.0	12.2.0	R5-144559
RP-65	RP-141596	0128	-	Editorial correction of section order related to Rel-12 SSAC	F	12.1.0	12.2.0	R5-144696
RP-65	RP-141573	0129	-	Addition of new applicability for SIP error handling test cases	F	12.1.0	12.2.0	R5-144697
RP-65	RP-141571	0130	-	Addition of applicability statements for new IMS Video test cases	F	12.1.0	12.2.0	R5-144698
RP-65	RP-141573	0131	-	Correction to applicability of test case 19.1.3b	F	12.1.0	12.2.0	R5-144749
RP-66	RP-142054	0132	-	Correction to applicability of GCF WI-103 IMS Testcase 8.3	F	12.2.0	12.3.0	R5-145157
RP-66	RP-142073	0133	-	Update of Additional Information table for rSRVCC	F	12.2.0	12.3.0	R5-145751
RP-66	RP-142056	0134	-	Applicability of test case 19.3.2c	F	12.2.0	12.3.0	R5-145770
RP-66	RP-142056	0135	-	Correction to Applicability of GCF WI-154 IMS Emergency Call Testcases	F	12.2.0	12.3.0	R5-145778
RP-67	RP-150322	0136	-	Add applicability for new GBA test case	F	12.3.0	12.4.0	R5-150537
RP-67	RP-150322	0137	-	Add capability for GBA	F	12.3.0	12.4.0	R5-150712
RP-67	RP-150322	0138	-	Clarification on A.12/23 vs A.12/35	F	12.3.0	12.4.0	R5-150737

Meeting -1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd-Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-68	RP-150884	0140	-	Add capability for access type	F	12.4.0	12.5.0	R5-151243
RP-68	RP-150886	0145	-	Correction to test case applicability 19.1.1 and 19.3.1 for location information	F	12.4.0	12.5.0	R5-151518
RP-68	RP-150884	0139	1	Updates for GBA testing - Part2	F	12.4.0	12.5.0	R5-151962
RP-68	RP-150884	0144	1	Change of applicability for Testcase 8.3	F	12.4.0	12.5.0	R5-151963
RP-68	RP-150884	0146	1	Applicability for new TC 20.1 Mobile Originating CAT - Forking Model	F	12.4.0	12.5.0	R5-151964
RP-68	RP-150906	0142	1	Add capability for EVS	F	12.4.0	12.5.0	R5-151969
RP-68	RP-150906	0143	1	Add applicability for new MO EVS test case	F	12.4.0	12.5.0	R5-151970
RP-69	RP-151427	0149	-	Add applicability for new MT EVS test case	F	12.5.0	12.6.0	R5-153538
RP-69	RP-151409	0152	-	Rewording of PICS for video feature tag	F	12.5.0	12.6.0	R5-153680
RP-69	RP-151409	0148	1	Correction to description of applicability of testcase 8.3	F	12.5.0	12.6.0	R5-153767
RP-69	RP-151409	0153	-	New PICS for dialog usage upon subscription to conference event package	F	12.5.0	12.6.0	R5-153790
RP-69	RP-151427	0151	1	Add applicability for new MT EVS test case 12.25	F	12.5.0	12.6.0	R5-153951
RP-69	RP-151409	0154	1	Test case applicability changes due to Split of XCAP test case 15.14a	F	12.5.0	12.6.0	R5-153996
RP-69	-	-	-	update of the "non-specific references" in section 2 according to the approved R5-153582 and an action point on ETSI MCC	-	12.5.0	12.6.0	-
RP-70	RP-151703	0158	-	Add applicability for new MT EVS test case	F	12.6.0	12.7.0	R5-155468
RP-70	RP-151684	0159	-	Remove outdated reference	F	12.6.0	12.7.0	R5-155760
RP-71	RP-160117	0164	-	Removing item on subscription to conference event package	F	12.7.0	12.8.0	R5-160554
RP-71	RP-160116	0161	1	Correction of Applicability of Test Case 8.14 by introduction of PICS for Multiple IMPU per TS 24.229 Section 5.1.1.4	F	12.7.0	12.8.0	R5-160910
RP-71	RP-160117	0162	1	Correction of PICS applicability for TC 15.21 and 15.21b with introduction of new PICS for Network Invitation to Conference per TS 24.147 Section 5.3.1.4.2	F	12.7.0	12.8.0	R5-160911
RP-71	RP-160119	0166	-	Applicability updates on IMS emergency call test case 19.3.2	F	12.7.0	12.8.0	R5-160938
RP-71	RP-160117	0163	1	Removal of outdated versions of GSMA PRD IR.92	F	12.7.0	12.8.0	R5-160944
RP-71	RP-160096	0800	1	Applicability of new MTSI Fixed Broadband Access test cases	F	12.7.0	12.8.0	R5-160974
RP-71	RP-160117	0165	1	Addition of applicability statements for new OIR/TIR test cases	F	12.7.0	12.8.0	R5-160977
RP-72	RP-160831	0168	-	Add applicabilities for new WLAN supplementary services test cases	F	12.8.0	12.9.0	R5-162070
RP-72	RP-160831	0169	-	Add IR.51 IMS Profile for Voice, Video and SMS over Wi-Fi	F	12.8.0	12.9.0	R5-162071
RP-72	RP-160830	0173	-	Add applicabilities for new Fixed Broadband Access supplementary services test cases	F	12.8.0	12.9.0	R5-162106

Meeting -1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd-Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-72	RP-160830	0175	-	Adding mnemonics for PICS	F	12.8.0	12.9.0	R5-162149
RP-72	RP-160845	0177	-	Applicability of new MTSI Fixed Broadband Access test cases	F	12.8.0	12.9.0	R5-162162
RP-72	RP-160845	0178	-	Removing item 35 from Table A.12	F	12.8.0	12.9.0	R5-162314
RP-72	RP-160845	0170	1	Update applicability for AMR-WB	F	12.8.0	12.9.0	R5-162939
RP-72	RP-160845	0180	2	Correction to applicability of IMS test cases	F	12.8.0	12.9.0	R5-162941
RP-72	RP-160858	0172	1	Specification 34.229-2 clean up for XML project	F	12.8.0	12.9.0	R5-163014
RP-72	RP-160845	0167	1	Correction to the applicability of SS test cases requiring XCAP authentication	F	12.8.0	12.9.0	R5-163070
RP-73	RP-161426	0181	-	Removing unused references	F	12.9.0	12.10.0	R5-165202
RP-73	RP-161397	0182	-	Add applicabilities for WLAN supplementary services test cases	F	12.9.0	12.10.0	R5-165209
RP-73	RP-161396	0183	-	Add applicabilities for Fixed Broadband Access supplementary services test cases	F	12.9.0	12.10.0	R5-165291
RP-73	RP-161426	0185	-	Renaming of the PICS parameter for MO/MT SMS over IP feature capability	F	12.9.0	12.10.0	R5-165685
RP-73	RP-161426	0184	1	Align GBA usage	F	12.9.0	12.10.0	R5-166278
RP-73	-	-	-	upgraded to v13.0.0 with no change in order to align with 34.229-1	-	12.10.0	13.0.0	-
RP-74	RP-162102	0186	-	Update the support for AMR-WB	F	13.0.0	13.1.0	R5-168025
RP-74	RP-162116	0189	-	Maintenance of 34.229-2 Appendix A Tables for XML conversion	F	13.0.0	13.1.0	R5-168138
RP-74	RP-162073	0193	-	Applicability of new MTSI Fixed Broadband Access test cases	F	13.0.0	13.1.0	R5-168287
RP-74	RP-162102	0199	-	Deleting pc_TMPI_forGBA	F	13.0.0	13.1.0	R5-168963
RP-74	RP-162104	0198	1	Corrections to applicability of IMS test case 19.5.8	F	13.0.0	13.1.0	R5-169058
RP-74	RP-162102	0194	1	Correction to applicability of IMS test cases 15.21 and 15.21b	F	13.0.0	13.1.0	R5-169059
RP-74	RP-162075	0192	1	Add applicabilities for WLAN supplementary services test cases	F	13.0.0	13.1.0	R5-169073
RP-74	RP-162075	0191	1	Add applicability for XCAP over WLAN	F	13.0.0	13.1.0	R5-169154
RP-75	RP-170108	0200	-	Correcting Mnemonic in Table A.15	F	13.1.0	13.2.0	R5-170529
RP-75	RP-170066	0205	-	Applicability of new MTSI Fixed Broadband Access test cases	F	13.1.0	13.2.0	R5-170794
RP-75	RP-170066	0206	-	Add applicability for XCAP over fixed broadband access	F	13.1.0	13.2.0	R5-171076
RP-75	RP-170095	0201	1	Adding reuse of Public User Identity for To and From headers	F	13.1.0	13.2.0	R5-171493
RP-75	RP-170097	0203	1	Addition of new applicability and ICS for IMS Emergency call in VPLMN	F	13.1.0	13.2.0	R5-171494
RP-75	RP-170109	0204	1	Maintenance of 34.229-2 Table A.4 for XML conversion	F	13.1.0	13.2.0	R5-171520
RP-76	RP-171365	0207	-	Removal of applicability of IMS test case 19.5.8	F	13.2.0	13.3.0	R5-172033

Meeting -1st- Level	Doc-1st- Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd- Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-76	RP-171376	0211	-	Corrections to test cases H.12.2 and H.15.7 titles	F	13.2.0	13.3.0	R5-172424
RP-76	RP-171377	0208	1	Maintenance of 34.229-2 for XML conversion	F	13.2.0	13.3.0	R5-172954
RP-76	RP-171363	0210	1	Add applicability for session timer	F	13.2.0	13.3.0	R5-173025
RP-77	RP-171660	0214	-	Add applicabilities for UE category M1 test cases	F	13.3.0	13.4.0	R5-173539
RP-77	RP-171660	0215	-	Add media requirements for UE category M1	F	13.3.0	13.4.0	R5-173540
RP-77	RP-171699	0216	-	Removal of technical content in 34.229-2 v12.10.0 and substitution with pointer to the next Release	F	13.3.0	13.4.0	R5-173549
RP-77	RP-171660	0217	-	Add supplementary service requirements for UE category M1	F	13.3.0	13.4.0	R5-173556
RP-77	RP-171688	0218	-	Editorial update of table A.12	F	13.3.0	13.4.0	R5-173590
RP-77	RP-171688	0221	-	Voiding PICS for Session-ID	F	13.3.0	13.4.0	R5-173604
RP-77	RP-171698	0219	1	Correction to PICS for XCAP PDN over WLAN	F	13.3.0	13.4.0	R5-174560
RP-77	RP-171690	0220	1	Correction to applicability of IMS test case 19.4.7	F	13.3.0	13.4.0	R5-174561
RP-77	RP-171688	0223	1	Removal of applicability for unneeded test cases	F	13.3.0	13.4.0	R5-174562
RP-77	RP-171690	0229	1	Addition of NOTE 6 to Test Cases 19.1.3, 19.3.2, 19.3.2b, 19.3.2c	F	13.3.0	13.4.0	R5-174563
RP-77	RP-171653	0224	1	Adding applicabilities for Converged IP Communications	F	13.3.0	13.4.0	R5-174702
RP-77	RP-171679	0227	-	Addition of RFC reference in applicability spec for eCall over IMS Release 14	F	13.4.0	14.0.0	R5-173777
RP-77	RP-171684	0232	-	Update of PICS condition related to IMS emergency registration failure case in Rel-14	F	13.4.0	14.0.0	R5-174559
RP-77	RP-171679	0230	2	Add applicability for new eCall in IMS testcases	F	13.4.0	14.0.0	R5-174695
RP-78	RP-172217	0233	-	Add applicability for eCall over IMS test cases	F	14.0.0	14.1.0	R5-176061
RP-78	RP-172237	0234	-	Update to applicability of FBBA test case H.15.7	F	14.0.0	14.1.0	R5-176170
RP-78	RP-172197	0235	-	Handling remaining Editor's Note	F	14.0.0	14.1.0	R5-176225
RP-78	RP-172233	0236	1	Add PICS for audio feature tag	F	14.0.0	14.1.0	R5-176940
RP-78	RP-172233	0237	1	Corrections to PICS for video feature tag	F	14.0.0	14.1.0	R5-176941
RP-78	RP-172233	0238	1	Corrections to test case applicabilities	F	14.0.0	14.1.0	R5-176943
RP-78	RP-172237	0239	1	Correction of table A.6a	F	14.0.0	14.1.0	R5-176944
RP-79	RP-180089	0241	1	Correction of eCall over IMS test case applicability	F	14.1.0	14.2.0	R5-181195
RP-80	RP-180725	0245	-	Addition of applicability for new IMS test cases J.18.1 and J.18.2	F	14.2.0	14.3.0	R5-183108
RP-81	RP-181577	0246	-	Addition of IR.92 to SM-over-IP roles	F	14.3.0	14.4.0	R5-184048
RP-81	RP-181577	0247	1	Adding SMS over IP configuration to applicabilities	F	14.3.0	14.4.0	R5-185088
RP-82	RP-182283	0248	-	Clarifications on applicability of OIR and TIR	F	14.4.0	14.5.0	R5-186467
RP-82	RP-182283	0249	-	Addition of PICS Mnemonic for ECT	F	14.4.0	14.5.0	R5-187416
RP-83	RP-190091	0253	-	Addition of new applicability for MT MTSI speech call when MO reserves resources before sending INVITE	F	14.5.0	14.6.0	R5-191732

Meeting -1st-Level	Doc-1st-Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd-Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-83	RP-190091	0250	1	Adding applicabilities for Session Timer test cases	F	14.5.0	14.6.0	R5-192324
RP-83	RP-190091	0251	1	Adding PICS for Session Timer	F	14.5.0	14.6.0	R5-192325
RP-83	RP-190095	0252	1	Addition of new applicability for user initiated USSI	F	14.5.0	14.6.0	R5-192326
RP-83	RP-190091	0254	1	Update to applicability condition of IMS test cases with precondition support	F	14.5.0	14.6.0	R5-192327
RP-83	RP-190092	0255	1	Change in applicability of test case 19.4.1 which does not require SIM	F	14.5.0	14.6.0	R5-192734
RP-84	RP-190887	0258	1	Corrections to preconditions applicabilities	F	14.6.0	14.7.0	R5-194828
RP-84	RP-190887	0259	1	Addition of applicability for new MO and MT voice call test cases tested without pre-conditions	F	14.6.0	14.7.0	R5-194831
RP-84	RP-190888	0256	1	Applicability update of condition C162	F	14.6.0	14.7.0	R5-194832
RP-84	RP-190868	0257	1	Adding 5G capabilities	F	14.7.0	15.0.0	R5-195232
RP-84	-	-	-	Fixing small omissions concerning R5-194828		15.0.0	15.0.1	-
RP-85	RP-191689	0262	-	Reference PICS from other specifications	F	15.0.1	15.1.0	R5-195897
RP-85	RP-191689	0265	-	Applicabilities for new IMS test cases	F	15.0.1	15.1.0	R5-196706
RP-85	RP-191704	0263	1	Addition of applicability for new MO test cases with 503 and 504 response tested without preconditions	F	15.0.1	15.1.0	R5-197045
RP-85	RP-191704	0264	1	Addition of new test applicability for IMS	F	15.0.1	15.1.0	R5-197046
RP-85	RP-191704	0261	1	Miscellaneous fixes to test case applicabilities	F	15.0.1	15.1.0	R5-197047
RP-86	RP-192484	0267	-	Corrections to applicabilities of IMS test cases H.12.2 and H.15.4	F	15.1.0	15.2.0	R5-197933
RP-86	RP-192480	0268	2	Adding a new test applicability for IMS	F	15.1.0	15.2.0	R5-199068
RP-88	RP-200593	0270	1	Update test applicability to reflect the change of test case title	F	15.2.0	15.3.0	R5-202533
RP-89	RP-201448	0271	1	Extending TS 34.229-2 to host applicabilities for 5GS IMS test cases	F	15.3.0	15.4.0	R5-204476
RP-90	RP-202248	0272	-	Voiding applicabilities of old unverified test cases	F	15.4.0	15.5.0	R5-205095
RP-90	RP-202221	0274	-	Update applicabilities for 5GS tests 7.5 and 7.7	F	15.4.0	15.5.0	R5-205555
RP-90	RP-202248	0277	-	Correction to applicability of test case 8.3	F	15.4.0	15.5.0	R5-205844
RP-90	RP-202221	0273	1	Corrections and additions of applicabilities for IMS over 5GS test cases	F	15.4.0	15.5.0	R5-206371
RP-91	RP-210131	0280	-	Adding NG.114 dependencies and PICS for test case 7.4	F	15.5.0	15.6.0	R5-210346
RP-91	RP-210131	0281	-	Applicability of 'Re-registration after capability update / 5GS' test case	F	15.5.0	15.6.0	R5-211299
RP-91	RP-210131	0278	1	Addition of applicabilities for new IMS over 5GS test cases	F	15.5.0	15.6.0	R5-211419
RP-91	RP-210131	0279	1	Corrections and extensions to applicability statements of IMS over 5GS test cases	F	15.5.0	15.6.0	R5-211420
RP-92	RP-210990	0282	1	Corrections for 5GS test cases	F	15.6.0	15.7.0	R5-213517
RP-92	RP-210990	0283	1	Adding applicability statements for new IMS 5GS test cases	F	15.6.0	15.7.0	R5-213518



Meeting -1st- Level	Doc-1st- Level	CR	Rev	Subject	Cat	Version - Current	Version -New	Doc-2nd- Level
RP-31	RP-060053	-	-	Update to version 1.0.0 and present to RAN#31 for information	-	0.0.1	1.0.0	R5-060523
RP-92	RP-210990	0284	1	Correction to the applicability of IMS 5GS test case 7.4	F	15.6.0	15.7.0	R5-213519
RP-93	RP-211737	0292	-	Applicability updates to EIEI IMS test cases	F	15.7.0	15.8.0	R5-215119
RP-93	RP-211687	0287	1	Adding applicabilities for new IMS5GS test cases	F	15.7.0	15.8.0	R5-215719
RP-93	RP-211687	0288	1	Update NG.114 capabilities	F	15.7.0	15.8.0	R5-215720
RP-93	RP-211687	0286	1	Corrections to applicability statements of IMS over 5GS test cases	F	15.7.0	15.8.0	R5-216206
RP-93	RP-211687	0289	1	Add NG.114 PS data off	F	15.7.0	15.8.0	R5-216209
RP-94	RP-212800	0296	-	Removal of technical content in 34.229-2 v15.8.0 and substitution with pointer to the next Release	F	15.8.0	15.9.0	R5-217150

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## History

<b>Document history</b>		
V15.0.1	July 2019	Publication
V15.1.0	October 2019	Publication
V15.2.0	January 2020	Publication
V15.3.0	July 2020	Publication
V15.4.0	November 2020	Publication
V15.5.0	January 2021	Publication
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V15.9.0	January 2022	Publication