**3GPP SA3LI#91 S3i230604**

**Sydney; October 24-27, 2023**

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| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **33.128** | **CR** | **0577** | **rev** | **1** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** | RCS: Fixing a few suspected editorial errors in stage 3 text | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | SA3-LI (Nokia, Nokia Shanghai Bell, AT&T) | | | | | | | | | |
| ***Source to TSG:*** | SA3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | LI18 | | | | |  | ***Date:*** | | | 2023-10-25 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | ***F*** |  | | | | | ***Release:*** | | | Rel-18 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Few editorial errors are suspected in the RCS related text. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Suspected editorials are fixed. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | RCS stage 3 text is not consistent within the same document. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.13.3.4.3.1, 7.13.3.4.4.1, 7.13.4 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | S3i230524 | | | | | | | | |

### \*\* First Change \*\*

###### 7.13.3.4.3.1 RCSSessionModification record

The IRI-POI in the RCS Server shall generate an RCSSessionModification record when the IRI-POI in the RCS Server detects any of the following:

- A request is sent to request the next leg of a SIP Session or a response is received establishing a SIP Session for the transfer of a Large Message Mode CPM Standalone message or a CPM 1-to-1 Chat Session.

- A previously established SIP session for the transfer of a Large Message Mode CPM Standalone message to or from a target has been modified (see clause 7.13.3.4.3.2).

- A CPM 1-to-1 Chat Session established for the target's communications has been modified (see clause 7.13.3.4.3.3).

Table 7.13.3.4.3-1: Payload for RCSSessionModification record

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field name | Type | Cardinality | Description | M/C/O |
| rCSTargetIdentities | SEQUENCE OF RCSIdentity | 1..MAX | RCS target identities. All identities associated to the target known at the POI shall be included. | M |
| conversationID | RCSConversationID | 1 | Set to the value of the Conversion-ID header in the original SIP INVITE request. | M |
| contributionID | RCSContributionID | 1 | Set to the value of the Contribution-ID header in the original SIP INVITE request. | M |
| inReplyToContributionID | RCSContributionID | 0..1 | InReplyTo-Contribution-ID identifying the Contribution-ID of the CPM Standalone Message, CPM File Transfer or CPM Session that is being replied to (see OMA-TS-CPM\_Conversation\_Function [109] clause 5.3). Shall be included if the InReplyTo-Contribution-ID header field is present for the message being reported. | C |
| sessionReplaces | RCSContributionID | 0..1 | The Contribution-ID present in the Session-Replaces header of the SIP INVITE identifying the Contribution-ID of the CPM 1-to-1 Chat Session that is being replaced to (see OMA-TS-CPM\_Conversation\_Function [109] clause 5.3). Shall be included if the Session-Replaces header field is present for the message being reported. | C |
| rCSSessionType | RCSSessionType | 1 | Indicates the type of RCSSession. | M |
| sessionDirection | Direction | 1 | Shall be provided to identify the direction of the session relative to the target: "toTarget" or "fromTarget". | M |
| sessionEndpoints | RCSSessionEndpoints | 1 | Indicates whether the session continues through the server or is terminated at the server. | M |
| rCSSIPSessionMessage | RCSSIPSessionMessage | 1 | Shall contain the SIP message that triggered the xIRI, an indication of whether the the establishment or removal of a leg has been attempted or completed. | M |
| location | Location | 0..1 | Shall include the target’s location when reporting of the target’s location information is authorized and available. | C |

### \*\* Next Change \*\*

###### 7.13.3.4.4.1 RCSSessionRelease record

The IRI-POI in the RCS Server shall generate an RCSSessionRelease record when the IRI-POI in the RCS Server detects any of the following:

- A SIP Session for the transfer of a Large Message Mode CPM Standalone message to or from a target has been released (see clause 7.13.3.4.4.2).

- A CPM 1-to-1 Chat Session established for the target's communications has been released (see clause 7.13.3.4.4.3).

Table 7.13.3.4.4-1: Payload for RCSSessionRelease record

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field name | Type | Cardinality | Description | M/C/O |
| rCSTargetIdentities | SEQUENCE OF RCSIdentity | 1..MAX | RCS target identities. All identities associated to the target known at the POI shall be included. | M |
| conversationID | RCSConversationID | 1 | Set to the value of the Conversion-ID header in the original SIP INVITE request. | M |
| contributionID | RCSContributionID | 1 | Set to the value of the Contribution-ID header in the original SIP INVITE request. | M |
| rCSSessionType | RCSSessionType | 1 | Indicates the type of RCSSession. | M |
| sessionDirection | Direction | 1 | Shall be provided to identify the direction of the session relative to the target: "toTarget" or "fromTarget". | M |
| sessionEndpoints | RCSSessionEndpoints | 1 | Indicates whether the session continued through the server or is terminated at the server. | M |
| rCSSIPSessionMessage | RCSSIPSessionMessage | 1 | Shall contain the SIP message that triggered the xIRI, an indication of whether the the establishment or removal of a leg has been attempted or completed. | M |
| location | Location | 0..1 | Shall include the target’s location when reporting of the target’s location information is authorized and available. | C |

### \*\* Next Change \*\*

#### 7.13.4 Generation of IRI over LI\_HI2

When an xIRI is received over LI\_X2 from the IRI-POI in the RCS server, the MDF2 shall send the IRI message over LI\_HI2 without undue delay. The IRI message shall contain a copy of the relevant record received from LI\_X2. The record may be enriched by other information available at the MDF (e.g. additional location information).

The timestamp field of the ETSI TS 102 232-1 [9] PSHeader structure shall be set to the time at which the RCS server event was observed (i.e. the timestamp field of the xIRI).

Tables 7.13.4-1 shows the IRI type (see ETSI TS 102 232-1 [9] clause 5.2.10) to be used for each record type.

Table 7.13.4-1: IRI type for messages

|  |  |
| --- | --- |
| Record type | IRI Type |
| RCSRegistration | REPORT |
|  |  |
| RCSCapabilityDiscovery | REPORT |
|  |  |
| RCSMessage | REPORT |
| RCSSessionEstablishmentAttempt | REPORT |
| RCSSessionModification | REPORT |
| RCSSessionRelease | REPORT |

### \*\* End of all Changes \*\*