3GPP TSG-RAN WG3 Meeting #108-e R3-204340

**Online, 1st – 11th June 2020 was R3-204162**

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| *CR-Form-v12.0* |
| **CHANGE REQUEST** |
|  |
|  | **37.340** | **CR** | **<CR#>** | **rev** | **-** | **Current version:** | **16.1.0** |  |
|  |
| *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 | **X** | Core Network | **X** |

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| ***Title:***  | Support of SN not broadcasting system information |
|  |  |
| ***Source to WG:*** | Ericsson,CATT |
| ***Source to TSG:*** | R3 |
|  |  |
| ***Work item code:*** | NR\_newRAT-Core |  | ***Date:*** | 2020-06-04 |
|  |  |  |  |  |
| ***Category:*** | **A** |  | ***Release:*** | Rel-16 |
|  | *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 canbe 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-12 (Release 12)**Rel-13 (Release 13)Rel-14 (Release 14)Rel-15 (Release 15)Rel-16 (Release 16)* |
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| ***Reason for change:*** | RAN3 discussions revealed that the specification lacks clarifty whether and how to support the option that the SN does not broadcast system information other than radio frame timing and SFN is explicitly supported. |
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| ***Summary of change:*** | A NOTE is added to state that the option that the SN does not broadcast system information other than radio frame timing and SFN is supported and relies on O&M configuration.Impact Analysis:Impact assessment towards the previous version of the specification (same release):This CR has isolated impact with the previous version of the specification (same release) because it provides clarity that the option where the SN does not broadcast system information other than radio frame timing and SFN relies on proper OAM configuration.The impact can be considered isolated because the change affects only the the SN if it does not broadcast system information other than radio frame timing and SFN. |
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| ***Consequences if not approved:*** | It would not be clear whether protocol functions on E-UTRAN or NG-RAN network interfaces would support the option where the SN does not broadcast system information other than radio frame timing and SFN |
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| ***Clauses affected:*** | 7.1 |
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|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS 37.340 CR ... Rel-15 |
| ***affected:*** |  | **X** |  Test specifications |  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications |  |
|  |  |
| ***Other comments:*** |  |
|  |  |
| ***This CR's revision history:*** |  |

<<<<<<<<<<<<<<<<<<<< First Change >>>>>>>>>>>>>>>>>>>>

## 7.1 System information handling

In MR-DC, the SN is not required to broadcast system information other than for radio frame timing and SFN. System information for initial configuration is provided to the UE by dedicated RRC signalling via the MN. The UE acquires, at least, radio frame timing and SFN of SCG from the PSS/SSS and MIB (if the SN is an eNB) / NR-PSS/SSS and PBCH (if the SN is a gNB) of the PSCell. In EN-DC, SN may broadcast system information to allow only IAB-MT to access the SN.

NOTE: The option that the SN does not broadcast system information other than radio frame timing and SFN relies on proper OAM configuration. How to use interface management procedures on E-UTRAN and NG-RAN network interfaces for this option is not explicitly specified.

Additionally, upon change of the relevant system information of a configured SCell, the network releases and subsequently adds the concerned SCell (with updated system information), via one or more *RRC reconfiguration* messages sent on SRB1 or SRB3, if configured.

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