SONMDT Comments file

Template:

# Xnnn

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| Xnnn |  |  |  |  |  |  | vnnn | ToDo |

**[Description]**:

**[Proposed Change]**:

**[Comments]**:

Instructions:

1. Copy the template RIL comments fields above (including the Heading Xnnn)
2. Paste the RIL comments fields at its position while **respecting the order of the RILs in the Review file (i.e. keep the order of the spec).**
3. Fill in the fields, see R19 ASN.1 Guideline.
4. Companies may comment whether they agree or disagree.
5. Can copy spec text and use Word “Track changes”, etc.
6. Do not delete text added by other companies.

# C051

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C051 | SONMDT | 1 | MCG LTM |  | Tangxun |  | V002 | ToDo |

**[Description]**: in R19 SONMDT, RAN2 only focuses on MCG LTM, and we notice that in the corresponding changes sometimes “MCG LTM” is used and sometimes “LTM” is used. We suggest to keep all relevant changes aligned, i.e., to use “MCG LTM” consistently.

**[Proposed Change]**: add “MCG” in front of “LTM”.

**[Comments]**:

# C052

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C052 | SONMDT | 1 | Duplicate *successHO-InfoAvailable* indication |  | Tangxun |  | V002 | ToDo |

**[Description]**: according to current wording, it means UE will report *successHO-InfoAvailable* every time when it receives a RRCReconfiguration message via SRB1. In our understanding, this is not the original intention, since this resolution is only for rach-less scenario when the UE can’t report this indication in Msg3.

**[Proposed Change]**: add further restriction, e.g., if UE hasn’t reported *successHO-InfoAvailable* since successful handover information becomes available in *VarSuccessHO-Report,* to make sure successHO-InfoAvailable is reported only once.

**[Comments]**:

# C053

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C053 | SONMDT | 1 | PSCell may not be available when RLF happens |  | Tangxun |  | V002 | ToDo |

**[Description]**: In case a RLF happens, even if the UE was configured with *condExecutionCond* and *condExecutionCondPSCell,* there may be no PSCell at UE side.

**[Proposed Change]**: add “if available” as below:

PSCell (if available, in case of no PSCell change)

**[Comments]**:

# C054

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C054 | SONMDT | 1 | Duplicate condition |  | Tangxun |  | V002 | ToDo |

**[Description]**: the condition “if the UE was configured with *condExecutionCond* and *condExecutionCondPSCell*” in bullet 3 is duplicate, as it already appears in the bullet 2.

**[Proposed Change]**: remove the duplicate condition as below:

3> set the *rsIndexResults* in *measResultLastServPSCell* to include all the available measurement quantities of the source PSCell (in case of PSCell change) or PSCell (in case of no PSCell change) , ordered such that the highest SS/PBCH block RSRP is listed first if SS/PBCH block RSRP measurement results are available, otherwise the highest SS/PBCH block RSRQ is listed first if SS/PBCH block RSRQ measurement results are available, otherwise the highest SS/PBCH block SINR is listed first, based on the available SS/PBCH block based measurements collected up to the moment the UE detected failure;

**[Comments]**:

# C055

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C055 | SONMDT | 1 | Time based CHO is not relevant |  | Tangxun |  | V002 | ToDo |

**[Description]**: *distanceFromReference2* is only related to location based CHO, so it only needs UE to support RLF-Report for conditional handover with location-based trigger condition.

**[Proposed Change]**: remove “time-based or” as below:

4> if the UE supports RLF-Report for conditional handover with location-based trigger condition and if one entry of *choConfig* concerns *condEventD2*;

**[Comments]**:

# C056

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C056 | SONMDT | 1 | UE capability check is missing |  | Tangxun |  | V002 | ToDo |

**[Description]**: before setting the values in RLF report for conditional handover with candidate SCG, UE capability check should be done.

**[Proposed Change]**: add “if the UE supports RLF-Report for conditional handover with candidate SCG” as below:

1> if the UE supports RLF-Report for conditional handover with candidate SCG, for each entry of *condReconfigList* in the MCG *VarConditionalReconfig* including both *condExecutionCond* and *condExecutionCondPSCell*, include an entry in *cho-WithCandidateSCGInfoList* and set the values as follows:

**[Comments]**:

# C057

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C057 | SONMDT | 1 | *reselectedCellId* doesn’t exist in any cell selection state |  | Tangxun |  | V002 | ToDo |

**[Description]**: according to RAN2 agreement, in case of transition to any cell selection state, there is no reselected cell to log

1. RAN2 includes the following information along with NSAG information in the logged MDT report: Cell information of the cell that the UE was in when it was not able to find its highest prio NSAG (if available, it may not be available if the UE goes to any cell selection state).

**[Proposed Change]**: remove this bullet 5 as below:

3> if the UE is in any cell selection state (as specified in TS 38.304 [20]):

4> set *anyCellSelectionDetected* to indicate the detection of no suitable or no acceptable cell found;

4> if the UE was configured with slice-based cell reselection and was not able to select a suitable cell that supports the NSAG ID with the highest priority (as specified in TS 38.304 [20]) during the last logging interval:

5> set the *nsag-ID* to the NSAG ID with the highest priority ;

**[Comments]**:

# C058

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C058 | SONMDT | 1 | SCG RLF |  | Tangxun |  | V002 | ToDo |

**[Description]**: “SCG RLF” should be used here instead of “SCG failure”, as SCG failure has a wider coverage, e.g., “failure of SCG reconfiguration with sync, SCG configuration failure for RRC message on SRB3, SCG integrity check failure”

**[Proposed Change]**: replace “SCG failure” by “SCG RLF”

**[Comments]**:

# C059

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C059 | SONMDT | 1 | CPC execution |  | Tangxun |  | V002 | ToDo |

**[Description]**: in bullet 3, the “failure” only refers to CPC execution failure, but not other failures.

**[Proposed Change]**: add “execution” as below:

3> if the failure occurred during a subsequent CPC execution:

**[Comments]**:

# C060

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C060 | SONMDT | 1 | Not a R19 change |  | Tangxun |  | V002 | ToDo |

**[Description]**: an “applied” is added here, but our understanding is that this change is not related a R19 feature. If this change is deemed needed, we should use a correction CR to make this change from R17.

**[Proposed Change]**: remove “applied” as below:

5> set the *timeSinceCHO-Reconfig* to the time elapsed between the initiation of the execution of conditional reconfiguration for the target PCell and the reception of the last *conditionalReconfiguration* including the *condRRCReconfig* of the target PCell in the source PCell;

**[Comments]**:

# C061

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C061 | SONMDT | 1 | Wrong field description |  | Tangxun |  | V002 | ToDo |

**[Description]**: the field description of “sdt-UL-DataVolume” seems to be a copy of sdt-FailureCause.

**[Proposed Change]**: update the field description of “sdt-UL-DataVolume” as below:

***sdt-UL-DataVolume***

This field logs the buffered data volume in the UE for the radio bearer configured for the SDT during evaluation of SDT procedure. This field is included when the RA report entry is included because of SDT initiation failure. Otherwise, the field is absent. Value in bytes, the maximum value 96000 means 96000 bytes or larger.

**[Comments]**:

# C062

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C062 | SONMDT | 1 | Misalignment with procedural text |  | Tangxun |  | V002 | ToDo |

**[Description]**: according to procedural text, the field “***pSCellId***” can be set to “source PSCell (in case of PSCell change) or PSCell (in case of no PSCell change)”. And it’s not only applicable to CHO with candidate SCG procedure failure scenario.

**[Proposed Change]**: update the field description of “***pSCellId***” to align with procedural text as below:

This field is used to indicate the PSCell in which the UE failed to perform fast MCG recovery procedure or the UE successfully performed fast MCG recovery procedure, or the source PSCell (in case of PSCell change) or PSCell (in case of no PSCell change) if the UE was configured with condExecutionCond and condExecutionCondPSCell.

**[Comments]**:

# C063

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| RIL Id | WI | Class | Title | Tdoc | Delegate | Misc | File version | Status |
| C063 | SONMDT | 1 | Co-existence of LTM and DAPS is not supported |  | Tangxun |  | V002 | ToDo |

**[Description]**: according to the following RAN2 agreement made in R18 Mobility WI, we don’t need to consider the co-existence scenario of LTM and DAPS

**The coexistence of LTM and DAPS HO is not supported in Rel-18.**

**[Proposed Change]**: update the field description of “***timeSinceFailure***” as below:

***timeSinceFailure***

This field is used to indicate the time that elapsed since the connection (radio link, handover or LTM cell switch) failure. Value in seconds. The maximum value 172800 means 172800s or longer. In the case of failure(s) (either at source or at target or at both) associated to DAPS handover, this field indicates the time elapsed since the latest connection (radio link or handover) failure.

**[Comments]**: