Topics for SA2#164 meeting

**(Total 2 Tus)**

# TS 23.401 topics for KI#2:

## 1. General description of S&F satellite operation

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 3.1 | Add Definition: S&F Satellite operation; | CR#2 |  |
| 3.2 | Add S&F abbreviation | CR#2 |  |
|  |  |  |  |
| 4.2.x | S&F architecture | CR#2 |  |
| 4.13.x | Support of Store and Forward Satellite operation | CR#2 |  |
| 4.13.x.1 | General  Including general concept, archs | CR#2 |  |

**Interested companies:**

Qualcomm, China Mobile, LGE, Tencent, Nokia, Samsung, OPPO, NEC, IPLOOK, Sateliot, Novamint

**Convener for CRs discussion (may not first author): Nokia**

## 2. Functional description for S&F satellite operation with MME split option

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 4.13.x.2 | MME split | CR#3 |  |
| 4.13.x.2.1 | General | CR#3 |  |
| 4.13.x.2.2 | UE Authentication for S&F Satellite operation | CR#3 |  |
| 4.13.x.2.3 | Transition between SSF and Normal Modes | CR#3 |  |
|  |  |  |  |
| 4.13.x.2.4 | MO data transmission | CR#4 |  |
| 4.13.x.2.5 | MT data transmission | CR#4 |  |

**Interested companies:**

Qualcomm, CATT, Nokia, Samsung, NEC, Vivo, Tencent, CTC, LGE, Sateliot, Novamint

**Convener for CRs discussion (may not first author): Samsung**

## 3. Functional description for S&F satellite operation with whole EPC onboard

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 4.13.x.3 | EPC on-board | CR#5 |  |
| 4.13.x.3.1 | General | CR#5 |  |
| 4.13.x.3.2 | Transition between SSF and Normal Modes | CR#5 |  |
|  |  |  |  |
| 4.13.x.3.3 | MO data transmission | CR#6 |  |
| 4.13.x.3.4 | MT data transmission | CR#6 |  |
|  |  |  |  |

**Interested companies:**

Qualcomm, Samsung, CATT, OPPO

**Convener for CRs discussion (may not first author): Qualcomm**

## 4. Exposure of S&F parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 4.13.x.4 | Exposure of S&F parameters | CR#7 |  |

**Interested companies:**

CATT, Tencent, Samsung, Novamint

**Convener for CRs discussion (may not first author): CATT**

# TS 23.682 topics for KI#2:

## 5. New parameters for Monitoring Event

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 5.6.1.x | Specific Parameters for Monitoring Event: Registered in S&F Mode | CR#8 |  |
| 5.6.1.y | Specific Parameters for Monitoring Event: Estimated delivery time | CR#8 |  |

**Interested companies:**

Samsung, Novamint

**Convener for CRs discussion (may not first author): Samsung**

# TS 23.501 topics for KI#3:

## 6. Functional description for activating UE-SAT-UE communication

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 3.1 | Definition of UE-Satellite-UE communication | CR#10 |  |
| 3.2 | Abbreviation of UE-Satellite-UE communication | CR#10 |  |
|  |  |  |  |
| 4.2.x (new) | Architecture for UE-Satellite-UE communication | CR#10? |  |
| 5.4.x(new) | Support of UE-Satellite-UE communication | CR#10 |  |
| 5.4.x.1 | General description | CR#10 |  |
| 5.4.x.2 | UPF and IMS-AGW onboard the satellites | CR#10 |  |
| 5.4.x.2.1 | Activation of UE-Satellite-UE communication | CR#10 |  |

**Interested companies:**

CATT, Vivo, CTC, CMCC, Nokia, Tencent, NTT DOCOMO, OPPO, CSCN, Novamint

**Convener for CRs discussion (may not first author): CATT**

## 7. Mobility support for UE-SAT-UE communication

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 5.4.x.2.2 | Mobility support | CR#11 |  |
| 5.4.x.2.3 | Deactivation of UE-Satellite-UE communication | CR#11 |  |

**Interested companies:**

vivo, CTC, CATT, Nokia, NTT DOCOMO

**Convener for CRs discussion (may not first author): Vivo**

# TS 23.503 topics for KI#3:

## 8. Policy control enhancement to support UE-SAT-UE communication

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| 6.1.3.5 | Enhancing PCRT "Access Network Information report" to support "Satellite ID" information. | CR#12 |  |
| 6.1.3.18 | Enhancing Event Reporting to support Satellite ID information. | CR#12 |  |

**Interested companies:**

CTC, CATT, OPPO

**Convener for CRs discussion (may not first author): CTC**

# TS 23.228 topics for KI#3 (if no objection to handle it):

## 9. IMS layer functional description for UE-SAT-UE communication

|  |  |  |  |
| --- | --- | --- | --- |
| **Target clause** | **Potential content** | **Possible CRs** | **Comments** |
| New Annex X | Add description for UE-Satellite-UE communication |  | (SA2#165 onwards?) |
| X.1 | General description for the architecture for UE-Satellite-UE communication |  |  |

**Interested companies:**

CMCC, NTT DOCOMO, CTC

**Convener for CRs discussion (may not first author): NTT DOCOMO**