**Source: Xiaomi (Rapporteur)**

**Title: Ranging\_SL Contribution Plan**

This document provides a draft list of potential pCR/CRs to TS 23.586, TS 23.273, TS 23.501, TS 23.502 and TS 23.503.

Please note that we will have 1 TU for the TS on SA2#155, around 20 pCRs to be handled. Topics marked with “154AHe” (potential updates) and “155” (new texts) will be handled with high priority.

# TS 23.586

|  |  |  |  |
| --- | --- | --- | --- |
| **Clause** | **Title** | **Comments** | **Interested Company** |
| 1 | Scope | 154AHe | rapporteur |
| 2 | Reference | References are added when referenced | N/A |
| 3 | Definitions of terms and abbreviations |  |  |
| 3.1 | Terms | Terms are added when referenced | N/A |
| 3.2 | Abbreviations | Abbreviations are added when referenced | N/A |
| 4 | Architecture model and concepts |  |  |
| 4.1 | General concept | 154AHe |  |
| 4.2 | Architectural reference model | 154AHe |  |
| 4.3 | Functional entities | 154AHe |  |
| 5 | High level functionalities |  |  |
| 5.1 | Authorization and Provisioning | 154AHe |  |
| 5.2 | UE Discovery & Selection |  |  |
| 5.2.1 | General | 155 | XM, vivo |
| 5.2.2 | Located UE Discovery & Selection | 155 | XM, vivo |
| 5.2.3 | SL Positioning Server UE Discovery & Selection | 155 | XM, vivo |
| 5.3 | Ranging/SL Positioning Control (including the involvement of SL Positioning Server UE) | 155 | XM, Huawei |
| 5.4 | Ranging/SL Positioning Control with assistant UE | 156? |  |
| 5.5 | Network assisted Ranging/Sidelink Positioning | 155 | XM, Sony, vivo |
| 5.6 | Service exposure |  |  |
| 5.6.1 | Service exposure to SL Positioning Client UE | 155 | Sony, Huawei, vivo |
| 5.6.2 | Service exposure to 5GC NF | 155 | XM, Huawei |
| 5.6.3 | Service exposure to Application Server | 155 | XM, Huawei |
| 5.7 | QoS Handling | 155 | XM |
| 5.8 | Subscription to Ranging/SL Positioning | 154AHe |  |
| 5.9 | Charging | 155 (general description and LS to SA5) | XM |
| 5.10 | Security | 155 (general description and LS to SA3) | XM |
| 6 | Functional description and information flows  (Procedures involving LMF will refer to detail procedures specified in TS 23.273) |  |  |
| 6.1 | RSPP Stack | TBD |  |
| 6.2 | Procedures for Service Authorization and Provisioning to UE | 155 | XM, Huawei |
| 6.3 | Procedures for Service Authorization to NG-RAN | 155 | XM, Huawei |
| 6.4 | Procedures for UE Discovery |  | vivo |
| 6.5 | Procedure for network assisted Ranging/Sidelink Positioning |  | Huawei, vivo |
| 6.6 | Service exposure |  | Huawei, vivo |

# TS 23.273

|  |  |  |  |
| --- | --- | --- | --- |
| **Clause** | **Title** | **Comments** | **Interested Company** |
| 5.1 | LMF Selection | 155 | XM |
| 8.3 | LMF Services | 155 | XM |
| New clause | General for SL Positioning (details referring to 23.586, referring to list of the new procedures) | 155(place holder with the title) | QC |
| New clause | Procedures involving LMF |  | Huawei |

# TS 23.501

|  |  |  |  |
| --- | --- | --- | --- |
| **Clause** | **Title** | **Comments** | **Interested Company** |
| 4.2/6.2/7.2 | Update to architecture reference model and potential updates to NF and NF services. | 155 | XM, Huawei |

# TS 23.502

|  |  |  |  |
| --- | --- | --- | --- |
| **Clause** | **Title** | **Comments** | **Interested Company** |
| 5.2.3.3.1 | Ranging/Sidelink Positioning Subscription data | 155 | XM, Huawei |

# TS 23.503

|  |  |  |  |
| --- | --- | --- | --- |
| **Clause** | **Title** | **Comments** | **Interested Company** |
| 4.2.2/4.2.6/6.1.2.2.1/6.1.2.2.2/6.1.2.5/6.6.x | Ranging/Sidelink Positioning Subscription data | 155 | XM |