**3GPP TSG- Meeting #**

**, , (revision of S6-25xxxx)**

**Source: Airbus**

**Title: Scenarios – General**

**Spec: 3GPP TR 23.700-39 V0.2.0**

**Agenda item: 9.2**

**Document for: Approval**

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**1. Introduction**

This proposal includes text for the ‘general’ sub-clause of clause “4. Scenarios”.

**2. Reason for Change**

Since a big part of MC recording architecture, functions, parameters etc were included already into the SA6 Rel-19 TSs, there is no more need to analyze all MCPTT/Video/Data procedures in individual scenarios (i.e. to use the same methodology as was done in the Rel-16 TR 23.784). Furthermore, the approach of TR 23.784 makes it hard to check and justify that all relevant features/procedures have been considered in the scenarios.

Instead, it is important to recognize all ‘categories’ of procedures that may require different recording solutions (i.e. different architectural elements, functions, configurations, protocols).

This ‘categorization’ is done by simply listing all ‘Procedures’ from TS 23.280, TS 23.281, TS 23.282 and TS 23.379 and allocating them into 5 categories:

1. SIP session-based communications -> may need to be splitte to RT and NRT – MCDATA over SIP may not work (no RFC)
2. Non-session-based communications
3. Non-communication related user activites
4. Interconnection and migration
5. Off-network communications

During this process, all SA1 user requirements for recording are also mapped into these ‘categories’ i.e. scenarios, to ensure that all those user requirements will be covered in this study.

Some procedures are analyzed and some first ideas of possible KIs are included. Most of the procedures are only listed with no notes, this indicates that no specific (additional) recording functionality is anticipated for those procedures.

Two TSs are not yet analyzed. These can be added later - with new scenarios - if seen necessary:

TS 23.283 Interworking with LMR

TS 23.289 Mission Critical services over 5G System

The related pCRs are: S6-253039, S6-253040, S6-253041, S6-253042, S6-253043 and S6-253054

**3. Proposal**

It is proposed to agree the following changes to 3GPP TR 23.700-39 V0.2.0.

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

### 4.1.0 General

The scenarios in the following clauses cover all ‘categories’ of logging/recording required in the SA1 user requirements. Each scenario lists all related procedures (clauses) in MCPTT/MCVideo/MCData TS to guide the development of Key Issues and Solutions.

“Category 1” i.e. Scenario 1 – Recording SIP session-based communications – was solved already in the Rel-19 SA6 work. The main topic for KIs and solutions in this category should be to check/re-check that all the listed features/procedures can be recorded using the SIP session recording (i.e. SIPREC). However, some new issues are also expected in this ‘category’, e.g. simultaneous sessions.

For all the other categories it is anticipated that additional functionality and/or changes to the functional architecture will be required into the MC~~X~~ system to enable recording. These additions shall be studied and solved with related KIs and solutions in this study.

\* \* \* End of changes \* \* \* \*