3GPP SA WG2 Meeting #152E eMeeting S2-220XXXX

Elbonia, 17 – 26 Aug,2022 (revision of xx-yyxxxx)

**Source: China Telecom**

**Title: New WID on 5G AM Policy**

**Document for: Approval**

**Agenda Item: 10.3**

3GPP™ Work Item Description

Information on Work Items can be found at <http://www.3gpp.org/Work-Items>
See also the [3GPP Working Procedures](http://www.3gpp.org/specifications-groups/working-procedures), article 39 and the TSG Working Methods in [3GPP TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm)

Title: 5G AM Policy

Acronym: AMP

Unique identifier: tbd

Potential target Release: *Rel-18*

# 1 Impacts

{For Normative work, identify the anticipated impacts. For a Study, identify the scope of the study}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Affects: | UICC apps | ME | AN | CN | Others (specify) |
| Yes |  |  |  | X |  |
| No | X | X | X |  | X |
| Don't know |  |  |  |  |  |

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

{Tick one box. "**Feature** / **Building Block** / Work Task" form a hierarchical structure. E.g. no Building Block can be proposed without a corresponding parent Feature. The full structure of all existing Work Items is shown in the 3GPP Work Plan in ftp://ftp.3gpp.org/Information/WORK\_PLAN}

|  |  |
| --- | --- |
| X | Feature |
|  | Building Block |
|  | *Work Task* |
|  | Study Item |

## 2.2 Parent Work Item

|  |
| --- |
| Parent Work / Study Items  |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
| FS\_AMP | SA2 | 940064 | Study on 5G AM Policy |

### 2.3 Other related Work Items and dependencies

{List here other Work Items which relate to the proposed one, such as a Work Item in an earlier Release if further enhancing the feature from the previous Release)}

|  |
| --- |
| Other related Work /Study Items (if any) |
| Unique ID | Title | Nature of relationship |
|  |  | {optional free text}  |

# 3 Justification

This work item aims at specifying system enhancements to support RFSP Index consistency when UE moves from 5GC to EPC. The solutions to support this feature has been studied and documented in TR 23.700-89.

It is proposed to convert the conclusions reached within TR 23.700-89 into normative text to TS 23.008, TS 23.501, TS 23.502, TS 23.503,

# 4 Objective

The Objective of this work item is to define the normative specifications of the solutions according to the agreed conclusions in TR 23.700-89 to support the following features:

- Enhancement in 5GC system interworking with EPC regarding RFSP Index consistency per conclusion in clause 8.1.

For N26-based, …

For without N26 interworking, …

# 5 Expected Output and Time scale

|  |
| --- |
| New specifications {One line per specification. Create/delete lines as needed} |
| Type  | TS/TR number | Title | For info at TSG#  | For approval at TSG# | Rapporteur |

|  |
| --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| TS 23.008 | New parameter definition to support the objective above. * *RFSPinUseExpiryTime*
 | TSG SA#98E (Dec. 2022) |  |
| TS 23.501 | Architectural and Conceptual enhancements to support the stated objectives * *clause 5.17.2 Interworking with EPC*
 | TSG SA#98E (Dec. 2022) |  |
| TS 23.502 | Procedural enhancements to support the stated objectives* *clause 4.11 System interworking procedures with EPC*
* *clause 4.16.2.2 AM Policy Association Modification initiated by the PCF*
* *clause 4.16.3 AM Policy Association Termination*
 | TSG SA#98E (Dec. 2022) |  |
| TS 23.503 | Policy enhancements to support the stated objectives* *clause 6.1.2.1 Access and mobility related policy control*
* *clause 6.1.2.6 AF influence on Access and Mobility related policies*
 | TSG SA#98E (Dec. 2022) |  |

# 6 Work item Rapporteur(s)

Chen, Zhuoyi, China Telecom, chenzy34@chinatelecom.cn

# 7 Work item leadership

SA2

# 8 Aspects that involve other WGs

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| China Telecom |
| CATT? |
| China Mobile? |
| China Unicom? |
| Ericsson? |
| Huawei? |
| Intel? |
| Oracle? |
| Tencent? |
| Vivo? |
| ZTE? |
| CBN? |
| CAICT? |
| CEPRI? |
| Inspur? |
| Vodafone? |
| Facebook? |
| Charter? |
| Telstra? |
| Spreadtrum Communications? |