**3GPP TSG-CT WG4 Meeting #125C4-244321 draft**

**Hefei, P.R.China; 14 – 18 October 2024 was C4-244155**

**Source: Qualcomm Incorporated**

**Title: New WID on** **CT Aspects on Subscription control for reference time distribution in EPS (TEI19\_TIME\_SUB\_EPS)**

**Document for: Approval**

**Agenda Item: 19.2.1**

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: CT Aspects on Subscription control for reference time distribution in EPS

Acronym: TEI19\_TIME\_SUB\_EPS

Unique identifier: 1060001

Potential target Release: Rel-19

# 1 Impacts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 …

|  |  |
| --- | --- |
|  | Study |
|  | Normative – Stage 1 |
|  | Normative – Stage 2 |
| X | Normative – Stage 3 |
|  | Normative – Other\* |

## 2.2 Parent Work Item

|  |  |  |  |
| --- | --- | --- | --- |
| Parent Work / Study Items | | | |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
| TEI19\_TIME\_SUB\_EPS | SA2 | 1030021 | Subscription control for reference time distribution in EPS |

### 2.3 Other related Work Items and dependencies

|  |  |  |
| --- | --- | --- |
| Other related Work /Study Items (if any) | | |
| Unique ID | Title | Nature of relationship |
| N/A |  |  |

# 3 Justification

SA#103 has agreed a new 3GPP Rel-19 WID on Subscription control for reference time distribution in EPS (TEI19\_TIME\_SUB\_EPS, UID: 1030021), see SP-240127. The objective is to extend the EPS Subscription with an indication that the UE is subscribed for reference time delivery to support the Timing as a service in WB-EUTRA.

SA2#164 has agreed the related CR to TS 23.401 (S2-2409198/SP-241272) and the stage 2 normative work has completed at SA#105.

Therefore, there is a need to have a CT work item to develop the stage 3 for the normative requirements developed by SA2.

# 4 Objective

The objective of this work item is to develop the stage 3 for the stage 2 requirements agreed under the TEI19\_TIME\_SUB\_EPS stage 2 work item.

CT4:

* EPS subscription enhancement: Impact on S6a to indicates whether the UE is subscribed to receive time reference information.
* MM context update: indication whether the UE is subscribed to receive time reference information.

# 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 |
| 29.272 | Subscription data for Time Reference Information | TSG CT#106  (December 2024) | CT4 |
| 29.230 | Introduction of a new Diameter AVP for subscription data for Time Reference Information | TSG CT#106  (December 2024) | CT4 |
| 23.008 | Subscription data for Time Reference Information | TSG CT#106  (December 2024) | CT4 |
| 29.274 | Update of MM context for subscription data for Time Reference Information | TSG CT#106  (December 2024) | CT4 |

# 6 Work item Rapporteur(s)

Hanna Lim, Qualcomm Incorporated, hannalim@qti.qualcomm.com

# 7 Work item leadership

CT4

# 8 Aspects that involve other WGs

none

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| Qualcomm Incorporated |
| Vodafone |
| Huawei |
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