**3GPP TSG-CT WG6 Meeting #101eC6-200618\_DRAFT\_3**

**E-meeting; 25th – 28th August 2020**

Title: Reply LS to GSMA regarding 3GPP TS 31.130 specification

Response to: LS C6-200540 regarding 3GPP TS 31.130 specification

Release: Release 15, Release 16

Source: 3GPP CT WG6

To: TSG eSIMTP

Cc: ETSI TC SCP TEC

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Attachments: None

**1. Overall Description:**

3GPP CT WG6 thanks GSMA for their Liaison Statement regarding the issue highlighted for the UICC Conformance testing.

3GPP CT WG6 analysed the request and discovered some issues concerning these new events.

3GPP TS 31.130 and ETSI TS 102 241 usually define events not dedicated to test purposes, but events dedicated to applications that implement services required on the field by operators or third parties.

Defining new events as standard events implies that the UICC has to introduce and manage the events in operational phase at operating system level, not only limited to testing phase.

For the requested event GET IDENTITY EVENT, a mechanism to trigger an applet when the UICC receives a GET IDENTITY COMMAND already exist, as defined in TS 31.130 in the package *uicc.usim.suci*. Defining a new event is a duplication of this mechanism.

For the requested events READ BINARY EVENT, READ RECORD EVENT and AUTHENTICATE EVENT, it is necessary to think about how many times an applet registered on these events can be triggered, because the number of time files are read could wake up several applets, generating delay on card performance, especially at activation time.

Or text from Thales email:

For the requested events READ BINARY EVENT, READ RECORD EVENT it would be more appropriate to ask ETSI SCP for an evolution of TS 102 241 as these events are out of the scope of 3GPP CT WG6.

However, 3GPP CT WG6 believes it is necessary to evaluate how many times an applet that has registered to such events would be triggered and what is the timing process of these applets.

Indeed, the number of time files are read could wake up several applets, generating delay on card performance, especially at initialization and activation time.

For the requested event AUTHENTICATE EVENT similar timing constraints have to be taken into account for the authentication process.

3GPP CT WG6 analysed the tests reported by the LS and indeed observed that the tests themselves were designed for a removable solution of the UICC. For a non-removable solution, a black box approach seems to be more appropriate, evaluating the initial network’s request and the final card and/or ME answer during conformance testing. 3GPP CT WG6 is investigating the possibility to modify the test specifications, introducing different versions of test cases depending on if the UICC under test is removable or non-removable.

**2. Actions:** 3GPP CT WG6 recommends TSG eSIMTP to take the above information into account.

**3. Date of next 3GPP CT WG6 Meetings:**

3GPP TSG CT WG6#103-e 17 - 20 November 2020 e-meeting