**3GPP TSG-CT WG4 Meeting #99eC4-204130**

**E-Meeting, 18th – 28th August 2020**

**Source: CATT**

**Title: Pseudo-CR on <** **Key Issue on Interoperability issues caused by multiple options co-existence >**

**Spec: 3GPP TR 29.820 v0.1.0**

**Agenda item: 6.1.3**

**Document for: Decision**

**1. Introduction**

As described in Justification in clause 3 in the WID of BEPoP (C4-203630), there are multiple technical choices lead to deviation between different implementations. This pCR proposes a key issue to study interoperability issues caused by multiple options co-existence.

**2. Reason for Change**

Add new Key Issue “Interoperability issues caused by multiple options co-existence” to 3GPP TR 29.820

**3. Conclusions**

<Conclusion part (optional)>

**4. Proposal**

It is proposed to agree the following changes to 3GPP TR 29.820 v0.1.0.

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

## 5.X Key Issue #X: Interoperability issues caused by multiple options co-existence

### 5.X.1 Description of the use case

As described in clause 3 in the WID of BEPoP (C4-203630), there are multiple technical choices lead to deviation between different implementations. Solutions for effective interoperability mechanism between CP and UP function(s) need to be identified.

### 5.X.2 Key issue definition

This key issue shall study solutions to:

- Identify whether End Marker should be allowed to be generated only by one side of CP or UP function, or recommend in which scenarios should be generated by CP function and in which scenarios should be generated by UP function.

- Identify whether UE IP address should be allowed to be allocated only by one side of CP or UP function, or recommend in which scenarios should be allocated by CP function and in which scenarios should be allocated by UP function.

- Identify whether downlink data should be allowed to be buffered only by one side of CP or UP function, or recommend in which scenarios should be buffered by CP function and in which scenarios should be buffered by UP function.

- Identify whether traffic redirection should be allowed to be enforced only by UP function for EPS to align with 5GS, or propose solutions to solve the interoperability issue caused by traffic redirection between EPS and 5GS.

\* \* \* End of Changes \* \* \* \*