**3GPP TSG-WG SA2 Meeting #153E e-meeting *S2-220xxxx***

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**Source: Ericsson**

**Title: KI #6, Conclusions**

**Document for: Approval**

**Agenda Item: 9.11**

**Work Item / Release:** **FS\_EDGE\_Ph2 / Rel-18]**

**Abstract:** *This document proposes conclusions for KI#6.*

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\* \* \* \* 1st change (all new)\* \* \* \*

## 8.X Conclusions for KI#6: Avoiding UE to switch away from EC PDU Session

Editor’s Note: this is a list of potential conclusions for KI#6 and it’s expected that a subset is agreed based on discussions/SoH at SA2#153E.

Based on the evaluation in Clause 7.X, the following new functionality for KI#6 is proposed for the normative phase:

1 An “edge-treatment” indication is provided by the 5GC to the UE

2a The indication is sent via a new optional PCO attribute

2b The indication is sent via a new optional attribute in URSP rules

3a The “edge-treatment” indication is a Boolean attribute and is passed by the UE to the upper layers

3b The “edge-treatment” indication is a two-valued attribute, the different values triggering different actions, e.g.,

X: the indicator is passed by the UE to the upper layers

Y: the UE should try to avoid switching to non-integrated WIFI access (if not conflicting with other policies)

3c The “edge-treatment” indication is a is a three-valued attribute, the different values triggering different actions, e.g.,

X: the indicator is passed by the UE to the upper layers

Y: the UE should try to avoid switching to non-integrated WIFI access (if not conflicting with other policies)

Z: the UE should try to avoid switching to non-3GPP access

4a The “edge-treatment” indication applies to the given PDU session

4b There are flow descriptors associated to the “edge-treatment” indication to identify which traffic the indication applies to

Note: for 2b above, the traffic descriptors correspond to those in the RSD and thus the “edge-treatment” indication applies to the whole PDU Session, so 4b does not apply

Besides, there are solutions with no normative impact. Solution #45 describes a solution in the UE upper layers. 3GPP networks can additionally use the methods described in solution #41 for setting the Access Preference and finer control using ATSSS rules provide guidance to the UE not to switch traffic from 3GPP access. These proposals could be documented in an informative Annex.

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