3GPP TSG SA WG5 Meeting 135-e Tdoc S5-211324

electronic meeting, online, 25 January - 3 February 2021

**Title: LS on Handover terminology**

**Response to: -**

**Release: Rel-17**

**Work Item: Enhancement of Handover Optimization, E\_HOO**

**Source:** **SA5#135-e**

**To:** **RAN2, RAN3**

**Cc:**

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**Attachments:**

# 1 Overall description

During the development of specifications for Conditional Handover, companies have experienced terminology difficulties separating "legacy handovers", sometimes called "ordinary handovers" from handovers in general, including "ordinary handovers", Conditional Handover (CHO) and Dual Active Protocol Stack Handover (DAPS Handover.)

SA5 notes that the following kinds of handovers need to be explicitly defined. Note that items 2 and 3 are already explicitly defined:

1. "Ordinary" or "Legacy" Handover.
2. Conditional Handover, CHO. See TS 38.00 clause 3.2.
3. Dual Active Protocol Stack Handover, DAPS Handover. See TS 38.300 clause 3.2.
4. Possible future forms of handover, yet to be specified. Note that in the future, CHO might be considered a "legacy" handover type.
5. Handovers in general, including items 1 to 4.

Currently, SA5 interprets "Legacy HO" as the most basic form of HO where a single HO target is configured and where HO preparation happens right before HO execution while the UE disconnects from source before it re-connects to the target.

SA5 asks RAN2 and RAN3 to develop clear and unambiguous terminology for separating the different kinds of handover.

As CHO and DAPS Handover were specified in Rel-16, this terminology should be available from that release.

# 2 Actions

**To RAN2, RAN3:**

**ACTION:** SA5 asks RAN2, RAN3 to develop terminology for separating "legacy" handover from handovers in general.

# 3 Dates of next TSG SA WG 5 meetings

SA5#136-e 1st March 2021 - 10th March 2021 electronic meeting

SA5#137-e 10th - 19th May 2021 electronic meeting