

Agenda Item: 4
Source: Philips, Ericsson
To: 3GPP TSG RAN WG3
cc: 3GPP TSG RAN WG4, 3GPP TSG RAN WG2
Title: Draft answer LS to R1-00-1334 “RL timing adjustment by UTRAN”
Document for: Approval
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In the LS R3-00-2726, RAN WG3 asked RAN WG1 how often a Radio Link Timing adjustment procedure might be required, and whether RAN WG1 considers that the current WG3 solution, whereby a RL is deleted and established again, is sufficient for R99.

RAN WG1 has concluded that RL timing adjustment would not be required frequently, and therefore the current WG3 solution, whereby a RL is deleted and established again, is adequate for R99.

However, in the event of RL adjustment being required, the process of deleting and re-establishing a RL would temporarily cause additional DL interference in one or more cells due to loss of macro-diversity gain, as well as there being a slight increased risk of dropped calls. Therefore RAN WG1 would like to ask RAN WG3 to consider implementing a RL adjustment procedure for Release 4.