

**Agenda item:**

**Source:** Ericsson

**Title:** Proposal for removal of “sync BTS” search code

**Document for:** Decision

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## **1 Introduction**

Table 5 of 25.213 includes a row “Sync BTS”. Whether a BTS, or more correctly a Node B, is synchronized or not is not only irrelevant but actually even difficult to define. What may be relevant is *inter-cell synchronization*, i.e. approximate knowledge about the relative timing between two cells, typically the current cell and a neighbor cell. The current specification includes the support for such inter-cell synchronization, through the possibility for the network to optionally provide the UE with information about the relative timing between cells (25.215, Section 7.1.1.2.2.1.1). Such information is provided as higher-layer signaling. It should be emphasized that this type of synchronization is not a property of a specific Node B but a property of a *pair* of cells. Consequently, it can not be signaled as a property of a specific cell, as the last row of Table 5 would indicate. The row “Sync BTS” in 25.213, Table 5 is therefore meaningless and should be removed in order to avoid confusion.

## **2 Text proposal for TS 25.213**

The last row (“Sync BTS”) of Table 5 in section 5.2.3.2 in 25.213 should be removed.