Agenda Item: **9**

Source: **RAN WG4**

Title: **Response on LS on Neighbour Cell SFN Detection for Handover**

To: **RAN WG1**

cc: **RAN WG2, RAN WG3, SMG2**

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RAN WG4 would like to thank RAN WG1 for the LS on neighbour cell SFN detection for inter frequency intra system and inter system handover.

It is the view of RAN WG4 that the SFN of the handover candidate UMTS cell is determined by decoding the SIB transmitted on the BCH of the candidate UMTS cell after having abandoned the old link and before establishing the new link. Furthermore, it is the view of RAN WG4 that this determination of the SFN by decoding the SIB of the candidate UMTS cell causes a delay in the order of 50ms (+decoding time in the UE + implementation margin).

Currently RAN WG4 has not concluded on the expected total handover execution time from abandoning the old link until transferring data on the new link. However, RAN WG4 feels that the required time including the time for the determination of the SFN of the handover candidate UMTS cell is in the order of 100ms.

RAN WG4 would like to be informed if this view is not in line with RAN WG1 specifications.