

**TSG-RAN Working Group 1 meeting No. 19
February 27- March 2, Las Vegas, U.S.A.**

TSGR1-01-0230

TSG-RAN Working Group 4 meeting #11
Vienna, Austria, 16th-23rd February 2001

R4-010352

To: RAN WG1, WG2, WG3

Source: Motorola

Title: LS for UMTS-1800 work required from other working groups

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At RAN#9 a work item on UMTS-1800 was agreed for which RAN4 is the lead working group. Whilst the majority of this work falls within the scope of RAN4 there are a few aspects that should be covered by other RAN working groups. This liaison outlines the work required by other groups.

RAN1: RAN4 does not envisage that any work will be required from RAN1.

RAN2: RAN4 requests RAN2 to work on the signalling aspects to support the 1800 frequency band. RAN4 envisages that the following areas of the signalling may need to be considered:

- ?? Identification of cells in the UMTS 1800 band for cell reselection, measurements, and handover.
- ?? UE capabilities to indicate the support of the UMTS 1800 band and/or the UMTS 2100 band. Furthermore, RAN4 considers that UE capabilities should allow for each band to have an independent power class.
- ?? UE capabilities to indicate the need for compressed mode to monitor other frequencies and other systems from the UMTS 1800 band.

RAN3: RAN4 does not envisage that any work will be required from RAN3 but requests RAN3 to check whether any of the RAN2 signalling issues have any corresponding impact on UTRAN internal interfaces.