TSG RAN WG2#2 Stockholm   **Tdoc: R2-99072**

- **Submitted for information**

TSG RAN WG1#2 Tokyo   **Tdoc: R1-99086**

Harmonisation of TDD & ODMA

Source: Ericsson, Siemens, Panasonic, NEC, NTT DoComo, Vodafone

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Following significant progress on the harmonisation of ETSI and ARIB TDD specifications it is now possible to focus on the outstanding differences and in particular ODMA which is including in the ETSI standards documentation but not in ARIB's.

In brief ODMA is an intelligent relaying technology which is intended to boost the range and capacity of the UTRAN whilst minimising transmission power and site acquisition - further information can be obtained from Vodafone.

The ODMA description in the current standards documentation needs further refinement within WG1 and WG2 and must be harmonised within the combined standard via the following practical steps;

- Much of ODMA is related to protocol issues and Siemens are working with Vodafone in WG2 to ensure that the required functionality is absorbed into the harmonised TDD protocol stack..

- The mapping of the Transport channels to physical channels and related performance issues will be addressed by Ericsson.

- Panasonic and NEC will focus on terminal implications of TDD and consider the incremental complexity of ODMA.

- NTT DoComo and Vodafone will consider system aspects and deployment scenarios.

It is suggested that discussions proceed via email as normal .