

TSG RAN WG1#10, January 18-21, 2000  
0132

Tdoc R1-00-

Beijing, China

Source: TSG RAN WG1 Chairman

# **TDD Narrowband chip rate - How to proceed**

Antti Toskala

TSG RAN WG1 Chairman

Email: [antti.toskala@nokia.com](mailto:antti.toskala@nokia.com)

# Procedure

- 1/2000 - 6/2000 TSG RAN WG1 creates technical report on the narrowband TDD physical layer
  - Describes differences
  - Where identical, references to existing specifications used
- First phase the report could contain brief description of the proposal and as work proceeds then agreements.
- Where differences occur, the report would contain explanation why there is a difference

## Procedure (Cont.)

- Based on the report it is decided what will be a new specification and what will be accommodated in the existing specification, presented to TSG RAN 6/2000
- By 9/2000 (TSG RAN#9) WG1 would present possible new specifications and Change Requests to existing TDD specs on the 1.28 M chips/s TDD details for TSG RAN approval. Possible new specifications would be under CR-procedure after this meeting.
- 12/2000 Possible remaining corrections and clarifications of the narrowband TDD issues.

# Technical Report

- Structure could follow the TDD specification:
  - Physical Channels and Mapping of the Transport Channels onto Physical Channels
    - Similarities, ref to 25.221
    - Description of differences and reasons for them
  - Channel Coding and Multiplexing
    - Similarities, ref to 25.222
    - ...
  - Spreading and Modulation
  - Physical Layer Procedures
  - Measurements

# Creation of CRs/Specifications

- At milestone 6/2000 to evaluate degree of differences for each section and decide if a new specification is needed:

