

# Exhibit 1012

**View:** [Next in topic](#) | [Previous in topic](#)  
[Next by same author](#) | [Previous by same author](#)  
[Previous page \(January 2003\)](#) | [Back to main 3GPP TSG RAN WG1 page](#)  
[Join or leave 3GPP TSG RAN WG1](#)  
[Reply](#) | [Post a new message](#)  
[Search](#)  
[Log in](#)

**Options:** [Chronologically](#) | [Most recent first](#)  
[Proportional font](#) | [Non-proportional font](#)

**Date:** Thu, 2 Jan 2003 16:22:00 -0100  
**Reply-To:** Michel Juergen ICM MP P TI 6 <[\[log in to unmask\]](#)>  
**Sender:** "3GPP\_TSG\_RAN\_WG1: TSG RAN Working Group 1"  
<[\[log in to unmask\]](#)>  
**From:** Michel Juergen ICM MP P TI 6 <[\[log in to unmask\]](#)>  
**Subject:** Siemens contributions for next RAN 1 meeting  
**Content-Type:** multipart/mixed;

Please find attached the following tree documents:

R1-030004, Downlink Control Channel Configuration for Enhanced Uplink Dedicated Transport Channel  
R1-030005, Timing Relationship for Enhanced Uplink  
R1-030006, Improvement of HSDPA throughput and resource consumption using fast CQI messages

See you in San Diego.

Juergen.

-----  
Dr. Juergen Michel  
ICM MP P TI 6  
Siemens AG  
Haidenauplatz 1  
81675 München

Tel: +49 89 722-49911  
Fax: +49 89 722-27089

<<r1-030004.zip>> <<r1-030005.zip>> <<r1-030006.zip>>

[r1-030004.zip](#) [application/zip]

[r1-030005.zip](#) [application/zip]

[r1-030006.zip](#) [application/zip]

Back to: [Top of message](#) | [Previous page](#) | [Main 3GPP TSG RAN WG1 page](#)

<a href="http://list.etsi.org">LIST.ETSI.ORG</a>  
--