

Source: Vice chair  
To: TSG RAN WG4  
Title: Work Items for Release 00 (Release 4)  
Document for: Discussion and approval

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## **1. Introduction**

In last TSG RAN #8 meeting held in Dusseldorf, Work Items for Release 00 (or now re-named as Release 4) were extensively discussed. Each of RAN WGs made proposal, resulting in 31 Work Items as a whole, where five Work Items were to be studied under leadership of RAN WG4 [1-4]. In addition to these Work Items approved, RAN WG4 now sees some additional new Work Items to be proposed at next TSG RAN #9 meeting for approval.

This document kindly requests delegates of RAN WG4 to refine and approve them as Work Items for R00.

## **2. Work Items approved at TSG RAN #8**

Table 1 summarises all Work Items approved at last TSG RAN #8 meeting, where items proposed from RAN WG4 are highlighted. Each WI sheet is made available in 3GPP home page [2] and Work Item sheets of latest situation have now been circulated in TSG RAN email reflector as given in Attachment.

Table 2 summarises additional Work Items which are to be presented at RAN WG4 #13 meeting for approval while table 3 provides, in the most updated form, Work Items which have already been approved at RAN #8. If they all are approved by RAN WG4 #13 they are to be submitted to TSG RAN #9 meeting to be held in Hawaii for approval. Separate documents are given in the table for detailed information, however, some items are not yet complete. Particularly, for each of the new WIs, discussion is encouraged for appropriate wording as to *Justification* and *Objective* in each WI sheet. Note that for some of them, *Expected Output and Time scale* are not complete, *Raporteurs* need to be assigned and *Classification* with its parent features (or building block) needs to be defined.

## **3. Reference**

- [1] RP-000330, Draft Report of the 8th TSG-RAN meeting (Düsseldorf, Germany, 21-23 June 2000)
- [2] [ftp://ftp.3gpp.org/TSG\\_RAN/TSG\\_RAN/Work\\_Item\\_sheets/Work\\_Items/RAN\\_Work\\_Items.doc](ftp://ftp.3gpp.org/TSG_RAN/TSG_RAN/Work_Item_sheets/Work_Items/RAN_Work_Items.doc)
- [3] R4-(00)528, "LS on RAN WG 4 R00 work items"
- [4] RP-000288, Collection of approved WI sheets TSG-RAN #7







## **4. Attachment**






**Table 1 Work Items approved at TAG RAN #8**

| <b>No.</b> | <b>Work Items</b>   | <b>Responsible WG</b> |
|------------|---|-----------------------|
| 1          | Low chip rate TDD option  | WG1                   |
| 2          | Base station classification   | WG4                   |
| 3          | FDD Base station classification   | WG4                   |
| 4          | TDD Base stations classification  | WG4                   |
| 5          | UE positioning in UTRA TDD  | WG2                   |
| 6          | UE positioning in UTRA FDD  | TBD                   |
| 7          | Hybrid ARQ II/III   | WG2                   |
| 8          | NodeB Synchronisation for TDD   | WG1                   |
| 9          | UTRA Repeater Specification   | WG4                   |
| 10         | QoS optimization for AAL type 2 connections over Iub and Iur interfaces                                     | WG3                   |
| 11         | Terminal power saving features  | WG1                   |
| 12         | Handover for real-time services from PS-Domain  | WG3                   |
| 13         | RAB Quality of Service Negotiation over Iu  | WG3                   |
| 14         | RRM optimizations for Iur and Iub   | WG3                   |
| 15         | Radio access bearer support enhancement   | WG2                   |
| 16         | Improvement of inter-frequency and inter-system measurements  | WG1                   |
| 17         | Improved usage of downlink resource in FDD for CCTrCHs of dedicated type                                    | WG2                   |
| 18         | IP Transport in UTRAN   | WG3                   |
| 19         | TrFO  | TBD                   |
| 20         | Evolution of the transport in the UTRAN   | TBD                   |
| 21         | Radio Interface Improvement Feature   | TBD                   |
| 22         | RAN Improvement Feature   | TBD                   |
| 23         | Position Method Enhancement Feature   | TBD                   |
| 24         | Radio Interface Testing   | TBD                   |
| 25         | Requirement on Equipment  | TBD                   |
| 26         | Low Chip Rate TDD Physical Layer  | WG1                   |
| 27         | Low chip rate TDD layer 2 and layer 3 protocol aspects  | WG2                   |
| 28         | Low Chip Rate TDD RF Radio Transmission/ Reception, System Performance Requirements and Conformance Testing | WG4                   |
| 29         | Smart antenna   | WG1                   |
| 30         | Low Chip Rate TDD UE radio access Capability  | WG2                   |
| 31         | Low chip rate TDD UTRAN network Iub/Iur protocol aspects  | WG3                   |

**Table 2 Additional Work Items from RAN WG4**

|   | Work Items   | Source                      | Supporting Companies                                    | Rapporteur                  | Classification | Parent Features/<br>Building Block | WI sheet   |
|---|--|-----------------------------|---|-----------------------------|----------------|------------------------------------|--|
| 1 | RAN Technical enhancements and improvements                                      | T-Mobil                     | Motorola<br>Telia<br>T-Mobil,<br>Vodafone               | Han van Bussel,<br>T-Mobil  | Features       |                                    | <br>R4-000729.doc                   |
| 2 | Performance specification of demodulation of common channels                     | Vodafone                    | Vodafone<br>T-Mobil<br>Ericsson<br>Nokia                | TBD<br>Ericsson             | Work Task      |                                    | <br>"R4-000730_WI<br>Common Channel |
| 3 | CPCH Performance Requirements  | Golden Bridge<br>Technology | GBT<br>LGIC<br>Philips<br>Samsung                       | Joe Kwak,<br>GBT            | N/A            | N/A                                | <br>R4-000731_WI_C<br>H.doc         |
| 4 | Feasibility study of UE antenna efficiency test methods performance requirements | Vodafone                    | Vodafone<br>T-Mobil<br>Telia<br>Allgon                  | Olle Edvardsson,<br>Allgon  | Work Task      |                                    | <br>R4-000732_WID_<br>performance.d |
| 5 | Performance Requirement for demodulation of Dedicated Pilot                      | Ericsson                    | Ericsson<br>Nokia<br>T-Mobil<br>Allgon                  | Johan Nilsson,<br>Ericsson  | Work Task      |                                    | <br>R4000754.doc                   |
| 6 | Performance Specification for Downlink TDD 2Mbps channel                         | InterDigital                | Nokia,<br>Siemens,<br>Golden<br>Bridge,<br>InterDigital | Steve Dick,<br>InterDigital | Work Task      |                                    | <br>R4-00-0759-WID<br>Mbps.doc    |
| 7 |  |                             |   |                             |                |                                    |  |
| 8 |  |                             |   |                             |                |                                    |  |

**Table 3 Update of Work Items approved at RAN #8**

| No. | Work Items   | Supporting Companies   | Rapporteur  | Classification | Parent Features/Building Block            | WI sheet  |
|-----|--|--|---|----------------|---|---|
| 2   | Base station classification  | Motorola<br>Nokia<br>Siemens,<br>T-Mobil   | Antti Toscala,<br>Nokia                                       | Building Block | Radio Interface<br>Improvement<br>feature | See Attachment  |
| 3   | FDD Base station classification  | Nokia<br>Motorola<br>Ericsson<br>T-Mobil   | Antti Toscala,<br>Nokia                                       | Work Task      | Base Station<br>Classification            | <br>RP-000183_revi<br>doc    |
| 4   | TDD Base stations classification   | Motorola<br>Nokia<br>Siemens<br>InterDigital   | Antti Toskala,<br>Nokia                                       | Work Task      | Base Station<br>Classification            | <br>RP-000185_revi<br>doc    |
| 9   | UTRA Repeater Specification  | Allgon AB<br>BMW<br>Mikom GmbH<br>Telenor AS   | Martin Nilsson,<br>Allgon AB<br>Thomas Kummetz,<br>Mikom GmbH | Building Block | Radio Interface<br>Improvements           | <br>Repeater_WID_0<br>07.doc |
| 28  | Low Chip Rate TDD RF Radio<br>Transmission/ Reception, System<br>Performance Requirements and<br>Conformance Testing | Ericsson<br>Fujitsu<br>IDC<br>LG<br>NTT DoCoMo<br>Panasonic<br>RFI<br>Samsung<br>Siemens | Daijun Zhang,<br>CATT/CWTS                                    | Building Block | Low chip rate TDD                         | See Attachment  |

**Source:** T-Mobil  
**Title:** Work Item Description for RAN Technical enhancements and improvements

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**Work Item Description**

**Title**

Work Item Descriptions for RAN radio interface technical enhancements and improvements

**1 3GPP Work Area**

|   |              |
|---|--------------|
| X | Radio Access |
|   | Core Network |
|   | Services     |

**2 Linked work items**

Independent feature.

**3 Justification**

The RAN work item will provide a flexible means to include technical enhancements and improvements that are not normally linked to services, but –as experience with a number of cellular standards show- are required to include technical enhancements and improvements (as opposed to corrections) based on experiences gained in designing, testing and operating the system, where issues unforeseen in standardization are revealed, that need clarifications and/or additions in the standard.

**4 Objective**

The RAN work item will provide a flexible means to solve unforeseen shortcomings in the standard.

**5 Proposed building blocks and work tasks:**

**6 Service Aspects**

None.

**6 MMI-Aspects**

*None*

**7 Charging Aspects**

*None*

**8 Security Aspects**

None.

**9 Impacts**

| <b>Affects:</b> | <b>SIM</b> | <b>ME</b> | <b>AN</b> | <b>CN</b> | <b>Others</b> |
|-----------------|------------|-----------|-----------|-----------|---------------|
| <b>Yes</b>      |            | X         | X         |           |               |

|            |   |  |  |   |  |
|------------|---|--|--|---|--|
| No         | X |  |  | x |  |
| Don't know |   |  |  |   |  |

**10**                    **Expected Output and Time scale (to be updated at each plenary)**  
Open ended.

**11**                    **Work item rapporteurs**

T-Mobil – Han van Bussel

**12**                    **Work item leadership**

TSG RAN4

**13**                    **Supporting Companies**

Motorola, Telia, T-Mobil, Vodafone Group

**14**                    **Classification of the WI (if known)**

|   |                            |
|---|----------------------------|
| X | Feature (go to 14a)        |
|   | Building Block (go to 14b) |
|   | Work Task (go to 14c)      |

14a    The WI is a Feature: List of building blocks under this feature

14b    The WI is a Building Block: parent Feature

14c    The WI is a Work Task: parent Building Block

**Source:** Vodafone Group  
**Title:** Work Item Description for performance specifications of demodulation of common control channels  
**Agenda Item:**  
**Document for:** Decision

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### Work Item Description

#### **Title**

Work task for performance specification of demodulation of common control channels

#### **1 3GPP Work Area**

|   |              |
|---|--------------|
| X | Radio Access |
|   | Core Network |
|   | Services     |

#### **2 Linked work items**

This is parented to the RAN improvement feature.

#### **3 Justification**

Performance requirements on the demodulation of common channels for Node-B and UE are essential.

#### **4 Objective**

To state the minimum performance requirement on the demodulation of common control channels.

#### **5 Proposed building blocks and work tasks:**

#### **6 Service Aspects**

*None*

#### **7 MMI-Aspects**

*None*

#### **8 Charging Aspects**

*None*

#### **9 Security Aspects**

*None*

**10 Impacts**

| Affects:   | SIM | ME | AN | CN | Others |
|------------|-----|----|----|----|--------|
| Yes        |     | X  | X  |    |        |
| No         | X   |    |    | X  |        |
| Don't know |     |    |    |    |        |

**11 Expected Output and Time scale (to be updated at each plenary)**

| New specifications               |       |                  |                      |   |                       |          |
|----------------------------------|-------|------------------|----------------------|---|-----------------------|----------|
| Spec No.                         | Title | Prime<br>rsp. WG | 2ndary<br>rsp. WG(s) | Presented for<br>information at<br>RAN# | Approved at<br>RAN#11 | Comments |
|                                  |       |                  |                      |   |                       |          |
|                                  |       |                  |                      |   |                       |          |
| Affected existing specifications |       |                  |                      |   |                       |          |
| Spec No.                         | CR    | Subject          |                      | Approved at RAN#11                      | Comments              |          |
|                                  |       |                  |                      |   |                       |          |
| 25.101                           |       |                  |                      |   |                       |          |
| 25.104                           |       |                  |                      |   |                       |          |
| 25.141                           |       |                  |                      |   |                       |          |
| 25.133                           |       |                  |                      |   |                       |          |
| 34.121                           |       |                  |                      |   |                       |          |

**12 Work item raporteurs**

Ericsson

**13 Work item leadership**

TSG RAN WG4

**14 Supporting Companies**

Vodafone Group, T-Mobil, Ericsson, Nokia

**15 Classification of the WI (if known)**

|   |                            |
|---|----------------------------|
|   | Feature (go to 15a)        |
|   | Building Block (go to 15b) |
| X | Work Task (go to 15c)      |

15a The WI is a Feature: List of building blocks under this feature

15b The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

15c The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)



**TSG RAN WG4 meeting #13  
Turin, IT, 4-8 September, 2000**

**R4-(00)0731**

Agenda Item: 7.0  
Source: Golden Bridge Technology and Samsung  
Title: Draft Work Item sheet for CPCH Performance Requirements  
Document for: Approval

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## **Work Item Description**

**Title: “CPCH Performance Requirements”**

**1 3GPP Work Area**

|   |              |
|---|--------------|
| X | Radio Access |
|   | Core Network |
|   | Services     |

**2 Linked work items**

*none*

**3 Justification**

CPCH is defined in Release 3 specifications as a common UL channel for FDD, similar to RACH, but with a much greater UL capacity. Release 3 specifications do not include any performance requirements for CPCH. This Work Item will provide radio test definitions and performance requirements for CPCH in Release 4 specifications.

**4 Objective**

The purpose of this work item is to define the test parameters, test cases, and performance requirements both in BTS and UE to support FDD CPCH operation.

The following time schedule is considered for TSG RAN:

| <b>Task</b>  | <b>Planned Start</b> | <b>Planned Finish</b> |
|--|----------------------|-----------------------|
| Work Item Creation                                 | 9/2000               | 9/2000                |
| Work Item Approval                                 |                      | 9/2000                |
| Drafting and discussion, updates of specifications | 9/2000               | 12/2000               |
| Submission to TSG RAN for approval                 |                      | 12/2000               |
| Possible remaining corrections and clarifications  | 12/2000              | 3/2001                |

**5 Service Aspects**

*None*

**6 MMI-Aspects**

*None*

**7 Charging Aspects**

*None*

**8 Security Aspects**

*None*

**9 Impacts**

| <b>Affects</b>    | <b>USIM</b> | <b>ME</b> | <b>AN</b> | <b>CN</b> | <b>Others</b> |
|-------------------|-------------|-----------|-----------|-----------|---------------|
| <b>:</b>          |             |           |           |           |               |
| <b>Yes</b>        |             | X         | X         |           |               |
| <b>No</b>         | X           |           |           | X         |               |
| <b>Don't know</b> |             |           |           |           |               |

**10 Expected Output and Time scale (to be updated at each plenary)**

| New specifications               |       |   |                      |   |                         |          |
|----------------------------------|-------|---|----------------------|---|-------------------------|----------|
| Spec No.                         | Title | Prime<br>rsp. WG                              | 2ndary<br>rsp. WG(s) | Presented for<br>information at<br>plenary# | Approved at<br>plenary# | Comments |
|                                  |       |   |                      |   |                         |          |
|                                  |       |   |                      |   |                         |          |
| Affected existing specifications |       |   |                      |   |                         |          |
| Spec No.                         | CR    | Subject                                       |                      | Approved at plenary#                        | Comments                |          |
| 25.101                           |       | UE Radio transmission and<br>reception (FDD)  |                      | RAN#10                                      |                         |          |
| 25.104                           |       | BTS Radio transmission and<br>reception (FDD) |                      | RAN#10                                      |                         |          |

**11 Work item rapporteurs**

Joe Kwak, GBT, will be the rapporteur for this study item.

**12 Work item leadership**

TSG RAN WG4

**13 Supporting Companies**

GBT, LGIC, Philips, and Samsung

**14 Classification of the WI (if known)**

|  |                            |
|--|----------------------------|
|  | Feature (go to 14a)        |
|  | Building Block (go to 14b) |
|  | Work Task (go to 14c)      |

14a The WI is a Feature: List of building blocks under this feature

N/A

14b The WI is a Building Block: parent Feature

N/A

14c The WI is a Work Task: parent Building Block

N/A

**Source:** Vodafone Group  
**Title:** Work Item Description for feasibility study on UE antenna efficiency test methods.  
**Agenda Item:**  
**Document for:** Decision

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**Work Item Description**

**Title**

Feasibility study of UE antenna efficiency test methods performance requirements

**1 3GPP Work Area**

|   |              |
|---|--------------|
| X | Radio Access |
|   | Core Network |
|   | Services     |

**2 Linked work items**

This is parented to the RAN improvement feature.

**3 Justification**

Antenna performance of the UE is very critical to the operation of the network. RAN WG4 had agreed that this should be performed in future releases of its specifications.

**4 Objective**

To perform a feasibility study on antenna test methods to be used for evaluating the efficiency of UE antenna. The feasibility study will also consider different requirements on different UE types.

**5 Proposed building blocks and work tasks:**

**6 Service Aspects**  
*None*

**7 MMI-Aspects**  
*None*

**8 Charging Aspects**  
*None*

**9 Security Aspects**  
*None*

**10 Impacts**

| <b>Affects:</b>   | <b>SIM</b> | <b>ME</b> | <b>AN</b> | <b>CN</b> | <b>Others</b> |
|-------------------|------------|-----------|-----------|-----------|---------------|
| <b>Yes</b>        |            | X         |           |           |               |
| <b>No</b>         | X          |           | X         | X         |               |
| <b>Don't know</b> |            |           |           |           |               |

**11 Expected Output and Time scale (to be updated at each plenary)**

| <b>New specifications</b>               |                                  |                  |                      |   |                       |          |
|---|----------------------------------|------------------|----------------------|---|-----------------------|----------|
| Spec No.                                | Title                            | Prime<br>rsp. WG | 2ndary<br>rsp. WG(s) | Presented for<br>information at<br>RAN# | Approved at<br>RAN#12 | Comments |
|   | TR on UE antenna test<br>methods |                  |                      |   |                       |          |
|   |                                  |                  |                      |   |                       |          |
| <b>Affected existing specifications</b> |                                  |                  |                      |   |                       |          |
| Spec No.                                | CR                               | Subject          |                      | Approved at RAN#12                      | Comments              |          |
|   |                                  |                  |                      |   |                       |          |
|   |                                  |                  |                      |   |                       |          |
|   |                                  |                  |                      |   |                       |          |
|   |                                  |                  |                      |   |                       |          |
|   |                                  |                  |                      |   |                       |          |

**12 Work item rapporteur**

Olle Edvardsson, Allgon

**13 Work item leadership**

TSG RAN WG4

**14 Supporting Companies**

Vodafone Group, T-Mobil, Telia, Allgon

**15 Classification of the WI (if known)**

|   |                            |
|---|----------------------------|
|   | Feature (go to 15a)        |
|   | Building Block (go to 15b) |
| X | Work Task (go to 15c)      |

15a The WI is a Feature: List of building blocks under this feature

15b The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

15c The WI is a Work Task: parent Building Block

(one Work Item identified as a building block)

**Agenda Item:**

**Source:** Ericsson

**Title:** Performance Requirement for demodulation of Dedicated Pilot in R00

**Document For:** Approval

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**1 3GPP work area**

RAN

**2 Linked work items**

none.

**3 Justification**

To enable the use of adaptive antennas in the Node B performance requirements on the UE of the demodulation of dedicated pilots are required.

**4 Objective**

The purpose of this work item is to simulate the radio link performance.

**5 Service Aspects**

None

**6 MMI-Aspects**

None

**7 Charging Aspects**

None

**8 Security Aspects**

None

**9 Impacts**

| Affects:   | USIM | ME | Access Network | Core Network | Others |
|------------|------|----|----------------|--------------|--------|
| Yes        |      | X  | X              |              |        |
| No         | X    |    |                | X            |        |
| Don't know |      |    |                |              |        |

## 10 Expected Output and Time scales

| New specifications               |       |   |                      |   |                         |          |
|----------------------------------|-------|---|----------------------|---|-------------------------|----------|
| Spec No.                         | Title | Prime<br>rsp. WG  | 2ndary<br>rsp. WG(s) | Presented for<br>information at<br>plenary# | Approved at<br>plenary# | Comments |
|                                  |       |   |                      |   |                         |          |
|                                  |       |   |                      |   |                         |          |
|                                  |       |   |                      |   |                         |          |
| Affected existing specifications |       |   |                      |   |                         |          |
| Spec No.                         | CR    | Subject   | Approved at plenary# |   | Comments                |          |
| 25.101                           |       | UE Radio transmission and<br>Reception (FDD)  | RAN #11              |   |                         |          |
| 34.121                           |       | Terminal Conformance<br>Specification;<br>Radio transmission and reception<br>(FDD) | T#12                 |   |                         |          |
|                                  |       |   |                      |   |                         |          |
|                                  |       |   |                      |   |                         |          |
|                                  |       |   |                      |   |                         |          |

## 11 Work item rapporteurs

Johan Nilsson, Ericsson

## 12 Work item leadership

TSG RAN WG4

## 13 Supporting companies

Ericsson, Nokia, T-Mobil, Allgon

## 14 Classification of the WI (if known)

|   |                            |
|---|----------------------------|
|   | Feature (go to 14a)        |
|   | Building Block (go to 14b) |
| X | Work Task (go to 14c)      |

14a The WI is a Feature: List of building blocks under this feature

-  
14b The WI is a Building Block: parent Feature

-  
14c The WI is a Work Task: parent Building Block  
-



TSG RAN4 #13  
3-7 September, 2000  
Torino, Italy

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**Agenda Item:**

**Source:** InterDigital

**Title:** Work Item for Rel'00:  
Performance Specification for Downlink TDD 2Mbps channel

**Document for:** Discussion and approval

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## Work Item Description

**Title**

Performance Specification for Downlink TDD 2Mbps channel

**1 3GPP Work Area**

|   |              |
|---|--------------|
| X | Radio Access |
|   | Core Network |
|   | Services     |

**2 Linked work items**

*none*

**3 Justification**

TSG RAN WG1, WG2, WG3 specifications for TDD provide all the functionality required for a downlink 2Mbps channel. However, due to time limitations and other priorities, TSG RAN WG4 elected to defer the performance specification of this channel to a later date. Since this capability had originally been planned for TDD release 99, and since resources are now available to provide the necessary simulation support, it is recommended that the necessary performance requirements be derived and inserted into R2000 (release 4).

**4 Objective**

Derive and insert performance requirements for the 2 Mbps downlink channel for TDD

**5 Service Aspects**

*None*

**6 MMI-Aspects**

None

**7 Charging Aspects**

None

**8 Security Aspects**

None

**9 Impacts**

| Affects<br>:  | USIM | ME | AN | CN | Others |
|---------------|------|----|----|----|--------|
| Yes           |      |    | X  |    |        |
| No            | X    | X  |    | X  |        |
| Don't<br>know |      |    |    |    |        |

**10 Expected Output and Time scale (to be updated at each plenary)**

| New specifications               |       |  |                      |   |                         |          |
|----------------------------------|-------|--|----------------------|---|-------------------------|----------|
| Spec No.                         | Title | Prime<br>rsp. WG                                   | 2ndary<br>rsp. WG(s) | Presented for<br>information at<br>plenary# | Approved at<br>plenary# | Comments |
|                                  |       |  |                      |   |                         |          |
|                                  |       |  |                      |   |                         |          |
| Affected existing specifications |       |  |                      |   |                         |          |
| Spec No.                         | CR    | Subject  |                      | Approved at plenary#                        | Comments                |          |
| 25.102                           |       | UTRA (UE) TDD, Radio<br>Transmission and Reception |                      | RAN #10                                     |                         |          |

**11 Work item raporteurs**

Steve Dick, InterDigital

**12 Work item leadership**

TSG RAN WG4

**13 Supporting Companies**

Nokia, Siemens, Golden Bridge, InterDigital.

**14 Classification of the WI (if known)**

|   |                            |
|---|----------------------------|
|   | Feature (go to 14a)        |
|   | Building Block (go to 14b) |
| X | Work Task (go to 14c)      |

14a The WI is a Feature: List of building blocks under this feature

(list of Work Items identified as building blocks)

14b The WI is a Building Block: parent Feature

(one Work Item identified as a feature)

14c The WI is a Work Task: parent Building Block:

(one Work Item identified as a building block)