

**3GPP TSG-RAN Meeting #16**  
**Marco Island, FL, U.S.A., 4 – 7, June, 2002**

***RP-020306***

**Title:** Agreed CRs (R99 and Rel-4/Rel-5 Category A) to TS 25.201

**Source:** TSG-RAN WG1

**Agenda item:** 7.1.3

| No. | Spec   | CR  | Rev | R1 T-doc   | Subject              | Phase | Cat | Work Item | V_old | V_new |
|-----|--------|-----|-----|------------|----------------------|-------|-----|-----------|-------|-------|
| 1   | 25.201 | 015 | -   | R1-02-0595 | Downlink bit mapping | R99   | F   | TEI       | 3.3.0 | 3.4.0 |
| 2   | 25.201 | 016 | -   | R1-02-0595 | Downlink bit mapping | Rel-4 | A   | TEI       | 4.2.0 | 4.3.0 |
| 3   | 25.201 | 017 | -   | R1-02-0595 | Downlink bit mapping | Rel-5 | A   | TEI       | 5.0.0 | 5.0.0 |

## CHANGE REQUEST

z **25.201 CR 015** z rev **-** z Current version: **3.3.0** z

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the z symbols.

**Proposed change affects:** z (U)SIM  ME/UE  Radio Access Network  Core Network

|                        |  |                 |   |
|------------------------|--|-----------------|---|
| <b>Title:</b>          | z Downlink bit mapping   |                 |   |
| <b>Source:</b>         | z TSG RAN WG1  |                 |   |
| <b>Work item code:</b> | z TEI  | <b>Date:</b>    | z 2002-04-05                              |
| <b>Category:</b>       | z <b>F</b>   | <b>Release:</b> | z R99                                     |
|                        | Use <u>one</u> of the following categories:  |                 | Use <u>one</u> of the following releases: |
|                        | <b>F</b> (correction)  |                 | 2 (GSM Phase 2)                           |
|                        | <b>A</b> (corresponds to a correction in an earlier release)                                   |                 | R96 (Release 1996)                        |
|                        | <b>B</b> (addition of feature),  |                 | R97 (Release 1997)                        |
|                        | <b>C</b> (functional modification of feature)  |                 | R98 (Release 1998)                        |
|                        | <b>D</b> (editorial modification)  |                 | R99 (Release 1999)                        |
|                        | Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> . |                 | REL-4 (Release 4)                         |
|                        |  |                 | REL-5 (Release 5)                         |

|                                      |   |  |
|--------------------------------------|---|--|
| <b>Reason for change:</b>            | z | The current description of value formats for the interfaces between the different RAN1 specifications does not consider all types of signals. In principle, the display of value formats is not essential to be presented in those figures, and is thus removed to avoid confusions. The number of the TDD measurement specification is incorrect. |
| <b>Summary of change:</b>            | z | The display of value formats on the interfaces between RAN1 specifications is removed. Correction of the number of the TDD measurement specification.  |
| <b>Consequences if not approved:</b> | z | Misleading information regarding value formats on the interfaces between RAN1 specifications. Incorrect TDD measurement specification number.  |

|                              |   |  |
|------------------------------|---|--|
| <b>Clauses affected:</b>     | z | 4.2.6  |
| <b>Other specs affected:</b> | z | <input type="checkbox"/> Other core specifications      z<br><input type="checkbox"/> Test specifications<br><input type="checkbox"/> O&M Specifications |
| <b>Other comments:</b>       | z | Isolated impact analysis: The implementation of this CR does not have any impact on existing UE or UTRAN implementations.                                |

### 4.2.6 Relationship of the physical layer functions

The functionality of the layer 1 is split over several specifications each for FDD and TDD. The following figures, although not categorical, show as an introduction the relationship of layer 1 functions by specification in terms of users plane information flow.

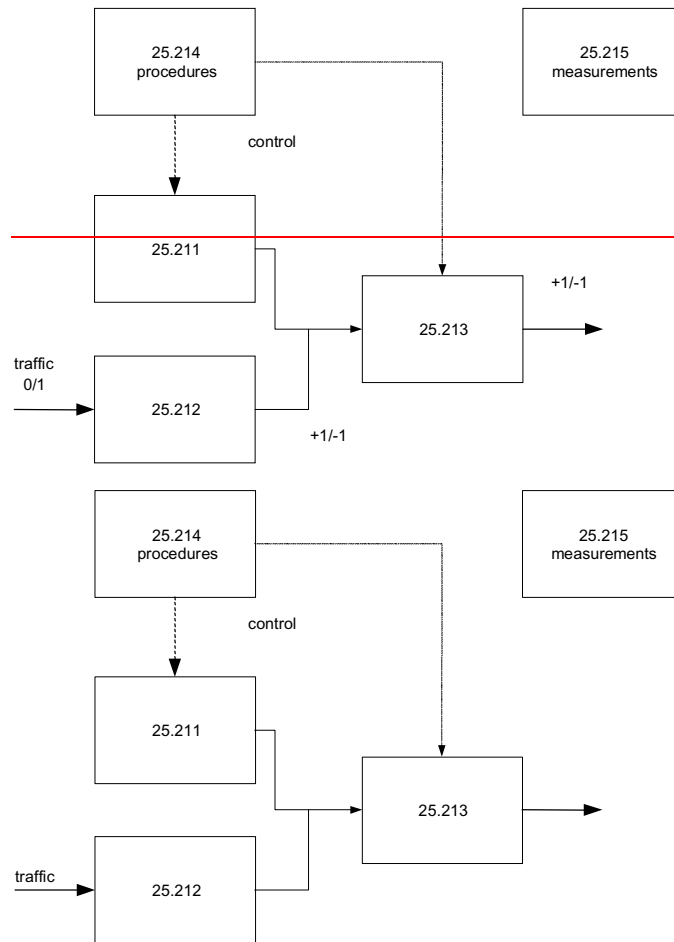


Figure 2 - FDD layer 1 functions relationships by specification

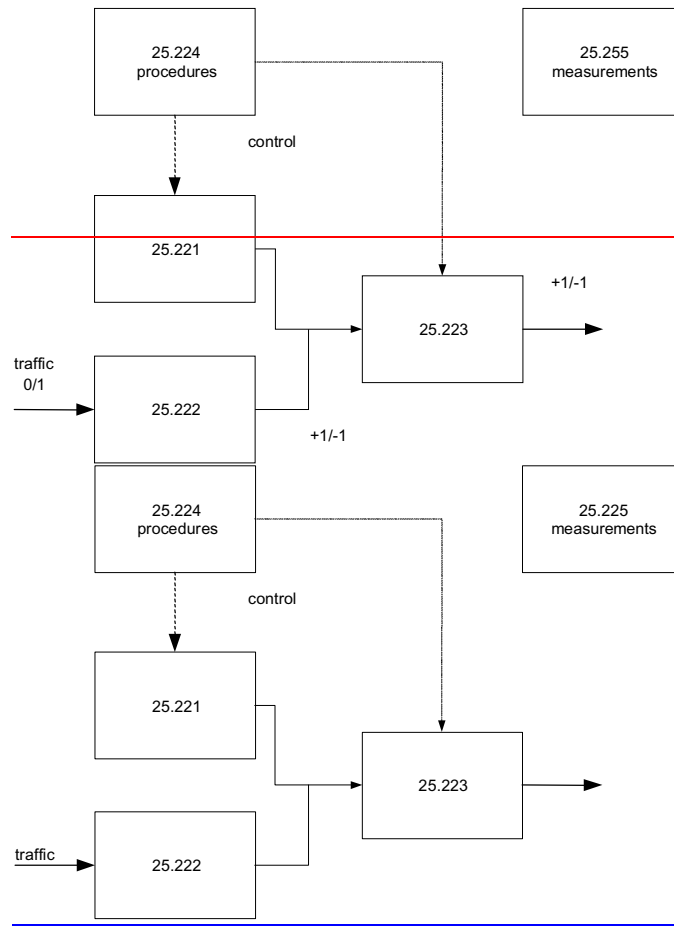


Figure 3 - TDD layer 1 functions relationships by specification

## CHANGE REQUEST

z **25.201 CR 016** z rev **-** z Current version: **4.2.0** z

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|                        |  |                 |   |
|------------------------|--|-----------------|---|
| <b>Title:</b>          | z Downlink bit mapping   |                 |   |
| <b>Source:</b>         | z TSG RAN WG1  |                 |   |
| <b>Work item code:</b> | z TEI  | <b>Date:</b>    | z 2002-04-05                              |
| <b>Category:</b>       | z <b>A</b>   | <b>Release:</b> | z REL-4                                   |
|                        | Use <u>one</u> of the following categories:  |                 | Use <u>one</u> of the following releases: |
|                        | <b>F</b> (correction)  |                 | 2 (GSM Phase 2)                           |
|                        | <b>A</b> (corresponds to a correction in an earlier release)                                   |                 | R96 (Release 1996)                        |
|                        | <b>B</b> (addition of feature),  |                 | R97 (Release 1997)                        |
|                        | <b>C</b> (functional modification of feature)  |                 | R98 (Release 1998)                        |
|                        | <b>D</b> (editorial modification)  |                 | R99 (Release 1999)                        |
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|                        |  |                 | REL-5 (Release 5)                         |

|                                      |   |  |
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|                              |   |  |
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| <b>Clauses affected:</b>     | z | 4.2.6  |
| <b>Other specs affected:</b> | z | <input type="checkbox"/> Other core specifications      z<br><input type="checkbox"/> Test specifications<br><input type="checkbox"/> O&M Specifications |
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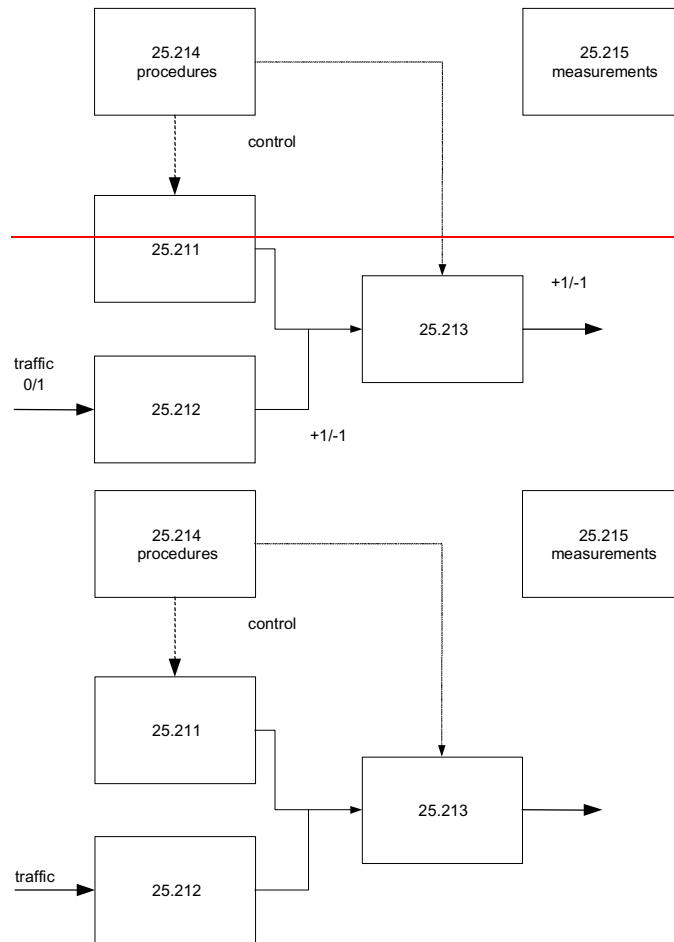


Figure 2 - FDD layer 1 functions relationships by specification

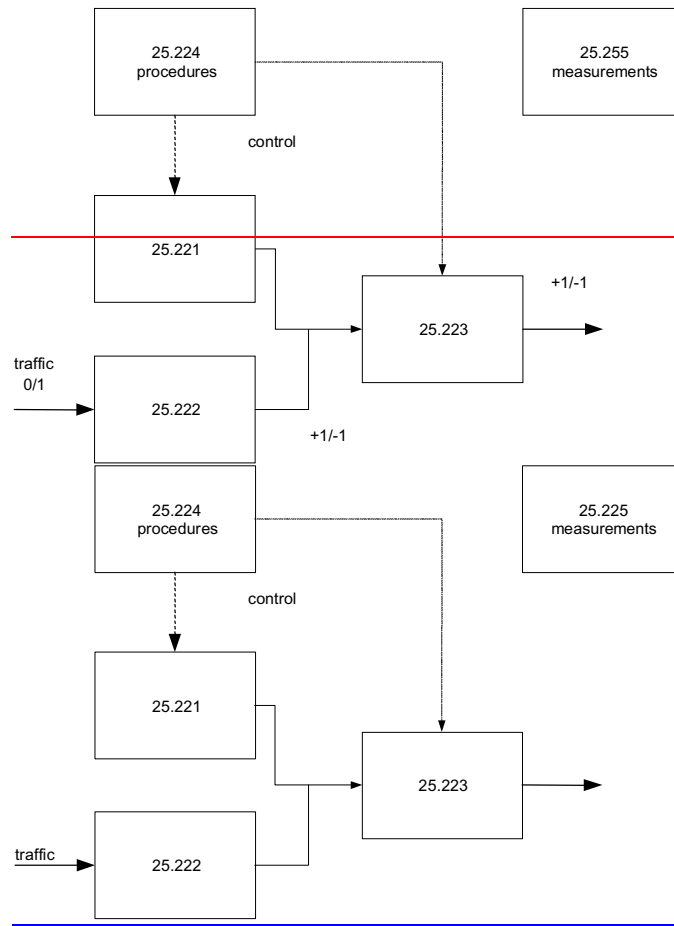


Figure 3 - TDD layer 1 functions relationships by specification

## CHANGE REQUEST

z **25.201 CR 017** z rev **-** z Current version: **5.0.0** z

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|                        |   |  |   |
|------------------------|---|--|---|
| <b>Title:</b>          | z | Downlink bit mapping   |   |
| <b>Source:</b>         | z | TSG RAN WG1  |   |
| <b>Work item code:</b> | z | TEI  | <b>Date:</b> z 2002-04-05                 |
| <b>Category:</b>       | z | <b>A</b>   | <b>Release:</b> z REL-5                   |
|                        |   | Use <u>one</u> of the following categories:  | Use <u>one</u> of the following releases: |
|                        |   | <b>F</b> (correction)  | 2 (GSM Phase 2)                           |
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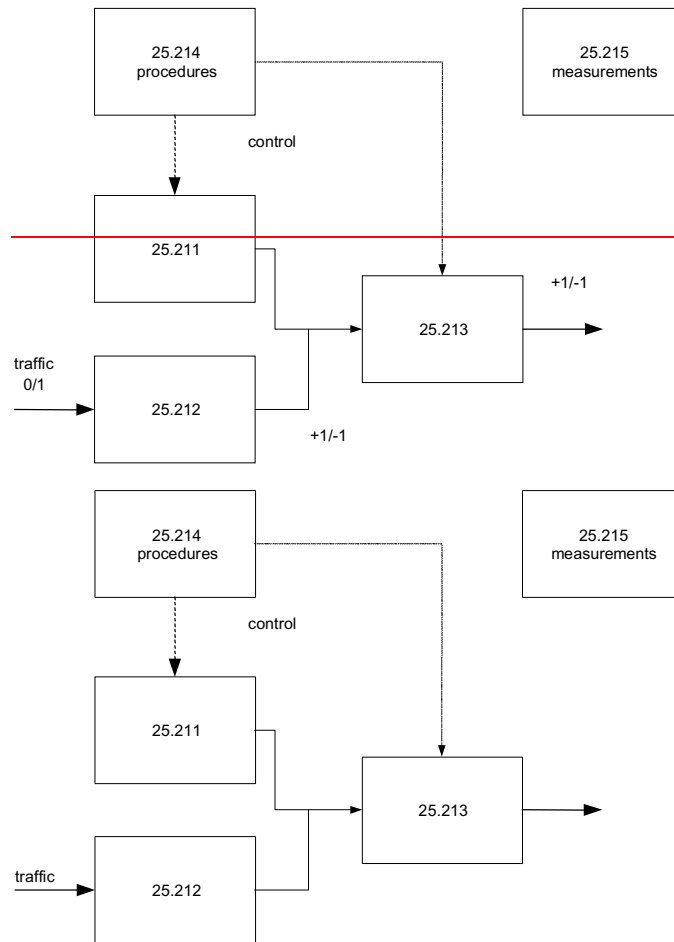


Figure 2 - FDD layer 1 functions relationships by specification

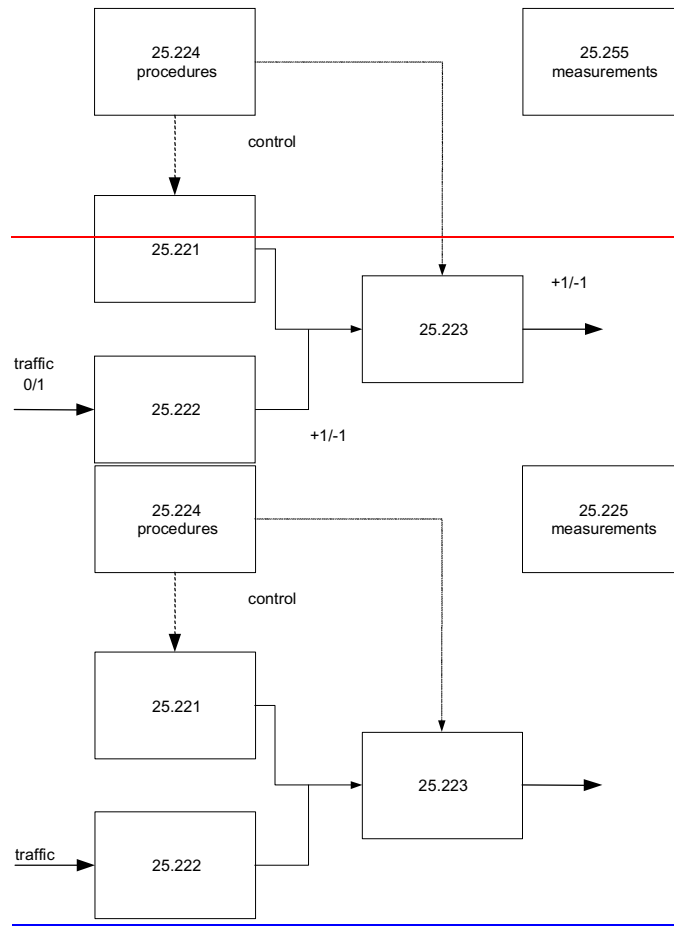


Figure 3 - TDD layer 1 functions relationships by specification