TSG RAN Meeting #17   **RP-020616**
Biarritz, France, 3 - 6 September, 2002

Title   **CRs (Rel-5 only) for**
                                       Clarification of the Common Measurement Reporting procedure
Source   **TSG RAN WG3**
Agenda Item   **7.3.5**

RAN3 Tdoc	Spec	curr. Vers.	new Vers.	REL	CR	Rev	Cat	Title	Work item
R3-022053	25.423	5.2.0	5.3.0	REL-5	679	1	A	Clarification of the Common Measurement Reporting procedure	R3-022053
R3-021847	25.423	4.5.0	4.6.0	REL-4	678	-	F	Clarification on the Common Measurement Reporting procedure	R3-021847
R3-021868	25.433	4.5.0	4.6.0	REL-4	709	-	F	Clarification on the Common Measurement Reporting procedure	R3-021868
R3-021869	25.433	5.1.0	5.2.0	REL-5	710	-	A	Clarification on the Common Measurement Reporting procedure	R3-021869

CR-Form-v5.1

CHANGE REQUEST

⌘	**25.423** CR **678**	⌘**rev**	**-**	⌘	Current version:	**4.5.0**	⌘

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

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

Title: ⌘	Clarification of the Common Measurement Reporting procedure	
Source: ⌘	RAN WG3	
Work item code: ⌘	TEI4	***Date:*** ⌘ 23/08/2002
Category: ⌘	**F**	***Release:*** ⌘ Rel-4

Use *one* of the following categories:
F (correction)
A (corresponds to a correction in an earlier release)
B (addition of feature),
C (functional modification of feature)
D (editorial modification)
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use *one* of the following releases:
2 (GSM Phase 2)
R96 (Release 1996)
R97 (Release 1997)
R98 (Release 1998)
R99 (Release 1999)
REL-4 (Release 4)
REL-5 (Release 5)

Reason for change: ⌘	The procedure text of the successful operation of the Common Measurement Reporting procedure should be extended to clarify that the *Common Measurement Value Information* IE may also be assigned the value Measurement not Available.
Summary of change: ⌘	Procedure text for the successful operation of the Common Measurement Reporting procedure is updated. Impact Analysis: Impact assessment towards the previous version of the specification (same release): This CR has isolated impact with the previous version of the specification (same release) because it has a potential impact on the Common Measurement Reporting procedure only. This CR has an impact under functional point of view. Correction to a function where the procedural text was missing. Would not affect implementation behaving like indicated in the CR, would affect implementations supporting the corrected functionality otherwise.
Consequences if not approved: ⌘	If this CR is not approved, procedure text of the Common Measurement Reporting procedure will be still unclear, which may lead incorrect implementation and interworking problems.

Clauses affected: ⌘	8.5.3.2

	Y	N			
Other specs ⌘	X		Other core specifications	⌘	25.423 v5.2.0 CR 679r1
					25.433 v4.5.0 CR 709
					25.433 v5.1.0 CR 710
affected:		X	Test specifications		

	X	O&M Specifications		

Other comments: ⌘

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.
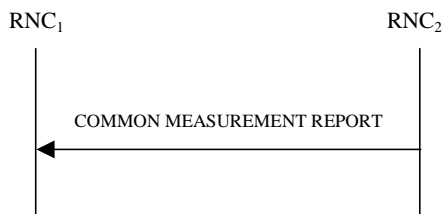
8.5.3 Common Measurement Reporting

8.5.3.1 General

This procedure is used by an RNC to report the result of measurements requested by another RNC using the Common Measurement Initiation.

This procedure uses the signalling bearer connection for the relevant Distant RNC Context.

8.5.3.2 Successful Operation

Figure 30C: Common Measurement Reporting procedure, Successful Operation

If the requested measurement reporting criteria are met, the RNC_2 shall initiate a Measurement Reporting procedure. Unless specified below, the meaning of the parameters are given in other specifications.

The *Measurement ID* IE shall be set to the Measurement ID provided by RNC_1 when initiating the measurement with the Common Measurement Initiation procedure.

If the achieved measurement accuracy does not fulfil the given accuracy requirement (see ref. [23] and [24]), the *Common Measurement Value Information* IE shall indicate Measurement not aAvailable shall be reported.

8.5.3.3 Abnormal Conditions

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CR-Form-v5.1

CHANGE REQUEST

| ⌘ | **25.423** CR **679** | ⌘**rev** | **1** | ⌘ | Current version: | **5.2.0** | ⌘ |

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

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

Title:	⌘	Clarification of the Common Measurement Reporting procedure
Source:	⌘	RAN WG3
Work item code: ⌘	TEI4	*Date:* ⌘ 23/08/2002

Category:	⌘ **A**	*Release:* ⌘ Rel-5

Use one of the following categories:
   F (correction)
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   B (addition of feature),
   C (functional modification of feature)
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   R97 (Release 1997)
   R98 (Release 1998)
   R99 (Release 1999)
   REL-4 (Release 4)
   REL-5 (Release 5)

Reason for change:	⌘	The procedure text of the successful operation of the Common Measurement Reporting procedure should be extended to clarify that the *Common Measurement Value Information* IE may also be assigned the value Measurement not Available.
Summary of change:	⌘	Procedure text for the successful operation of the Common Measurement Reporting procedure is updated. Revision 1: The CR is now based on TS 25.423 v5.2.0. Impact Analysis: Impact assessment towards the previous version of the specification (same release): This CR has isolated impact with the previous version of the specification (same release) because it has a potential impact on the Common Measurement Reporting procedure only. This CR has an impact under functional point of view. Correction to a function where the procedural text was missing. Would not affect implementation behaving like indicated in the CR, would affect implementations supporting the corrected functionality otherwise.
Consequences if not approved:	⌘	If this CR is not approved, procedure text of the Common Measurement Reporting procedure will be still unclear, which may lead incorrect implementation and interworking problems.

Clauses affected:	⌘	8.5.3.2

Y	N

Other specs	⌘	X		Other core specifications	⌘	25.423 v4.5.0 CR 678
						25.433 v4.5.0 CR 709
						25.433 v5.1.0 CR 710
affected:			X	Test specifications		
			X	O&M Specifications		
Other comments:	⌘					

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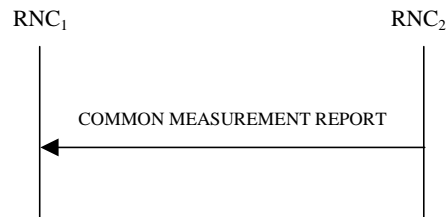
8.5.3 Common Measurement Reporting

8.5.3.1 General

This procedure is used by an RNC to report the result of measurements requested by another RNC using the Common Measurement Initiation.

This procedure uses the signalling bearer connection for the relevant Distant RNC Context.

8.5.3.2 Successful Operation

RNC$_1$ RNC$_2$

COMMON MEASUREMENT REPORT

Figure 30C: Common Measurement Reporting procedure, Successful Operation

If the requested measurement reporting criteria are met, the RNC$_2$ shall initiate a Measurement Reporting procedure. Unless specified below, the meaning of the parameters are given in other specifications.

The *Measurement ID* IE shall be set to the Measurement ID provided by RNC$_1$ when initiating the measurement with the Common Measurement Initiation procedure.

If the achieved measurement accuracy does not fulfil the given accuracy requirement (see ref. [23] and [24]), the *Common Measurement Value Information* IE shall indicate Measurement not ~~A~~available ~~shall be reported~~.

8.5.3.2.1 Successful Operation for Iur-g

If the requested measurement reporting criteria are met, the RNC$_2$/BSS$_2$ shall initiate a Measurement Reporting procedure. Unless specified below, the meaning of the parameters are given in other specifications.

The *Common Measurement ID* IE shall be set to the Common Measurement ID provided by RNC$_1$/BSS$_1$ when initiating the measurement with the Common Measurement Initiation procedure.

8.5.3.3 Abnormal Conditions

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CR-Form-v5.1

CHANGE REQUEST

| ⌘ | **25.433** CR **709** | ⌘ **rev** | **-** | ⌘ | Current version: | **4.5.0** | ⌘ |

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

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

Title:	⌘	Clarification of the Common Measurement Reporting procedure
Source:	⌘	RAN WG3
Work item code: ⌘	TEI4	*Date:* ⌘ 23/08/2002

Category: ⌘ **F**	*Release:* ⌘ Rel-4

Use <u>one</u> of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP <u>TR 21.900</u>.

Use <u>one</u> of the following releases:
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R96 *(Release 1996)*
R97 *(Release 1997)*
R98 *(Release 1998)*
R99 *(Release 1999)*
REL-4 *(Release 4)*
REL-5 *(Release 5)*

Reason for change: ⌘	The procedure text of the successful operation of the Common Measurement Reporting procedure should be extended to clarify that the *Common Measurement Value Information* IE may also be assigned the value Measurement not Available.

Summary of change: ⌘	Procedure text for the successful operation of the Common Measurement Reporting procedure is updated.

Impact Analysis:
Impact assessment towards the previous version of the specification (same release):
This CR has isolated impact with the previous version of the specification (same release) because it has a potential impact on the Common Measurement Reporting procedure only.
This CR has an impact under functional point of view.
Correction to a function where the procedural text was missing. Would not affect implementation behaving like indicated in the CR, would affect implementations supporting the corrected functionality otherwise. |

Consequences if not approved: ⌘	If this CR is not approved, procedure text of the Common Measurement Reporting procedure will be still unclear, which may lead incorrect implementation and interworking problems.

Clauses affected: ⌘	8.2.9

	Y	N		
Other specs ⌘	X		Other core specifications ⌘	25.423 v4.5.0 CR 678
				25.423 v5.2.0 CR 679r1
				25.433 v5.1.0 CR 710
affected:		X	Test specifications	

		X	O&M Specifications	

Other comments: ⌘

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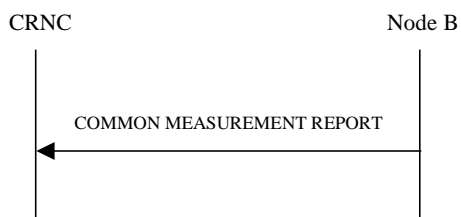Below is a brief summary:

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3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

8.2.9 Common Measurement Reporting

8.2.9.1 General

This procedure is used by the Node B to report the result of measurements requested by the CRNC with the Common Measurement Initiation procedure.

8.2.9.2 Successful Operation

```
      CRNC                            Node B

        │                               │
        │   COMMON MEASUREMENT REPORT   │
        │◄──────────────────────────────│
        │                               │
        │                               │
```

Figure 13: Common Measurement Reporting procedure, Successful Operation

If the requested measurement reporting criteria are met, the Node B shall initiate the Common Measurement Reporting procedure. The COMMON MEASUREMENT REPORT message shall use the Node B Control Port.

The *Measurement ID* IE shall be set to the Measurement ID provided by the CRNC when initiating the measurement with the Common Measurement Initiation procedure.

If the achieved measurement accuracy does not fulfil the given accuracy requirement (see ref.[22] and [23]), the *Common Measurement Value Information* IE shall indicate Measurement not aAvailable shall be reported.

8.2.9.3 Abnormal Conditions

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CR-Form-v5.1

CHANGE REQUEST

⌘	**25.433** CR **710**	⌘ **rev**	**-**	⌘	Current version:	**5.1.0**	⌘

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

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

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Source: ⌘	RAN WG3	
Work item code: ⌘	TEI4	***Date:*** ⌘ 23/08/2002
Category: ⌘ **F**		***Release:*** ⌘ Rel-5

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Consequences if not approved: ⌘	If this CR is not approved, procedure text of the Common Measurement Reporting procedure will be still unclear, which may lead incorrect implementation and interworking problems.

Clauses affected: ⌘	8.2.9

	Y	N	
Other specs ⌘	X		Other core specifications ⌘ 25.423 v4.5.0 CR 678
			25.423 v5.2.0 CR 679r1
			25.433 v4.5.0 CR 709
affected:		X	Test specifications

	X	O&M Specifications	

Other comments: ⌘

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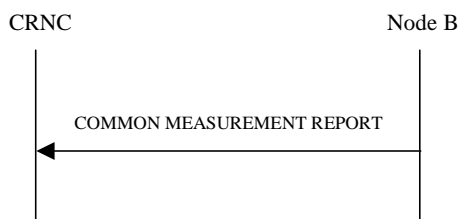
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8.2.9 Common Measurement Reporting

8.2.9.1 General

This procedure is used by the Node B to report the result of measurements requested by the CRNC with the Common Measurement Initiation procedure.

8.2.9.2 Successful Operation

```
        CRNC                              Node B
          │                                  │
          │   COMMON MEASUREMENT REPORT      │
          │ ◄────────────────────────────────│
          │                                  │
          │                                  │
```

Figure 13: Common Measurement Reporting procedure, Successful Operation

If the requested measurement reporting criteria are met, the Node B shall initiate the Common Measurement Reporting procedure. The COMMON MEASUREMENT REPORT message shall use the Node B Control Port.

The *Measurement ID* IE shall be set to the Measurement ID provided by the CRNC when initiating the measurement with the Common Measurement Initiation procedure.

If the achieved measurement accuracy does not fulfil the given accuracy requirement (see ref.[22] and [23]), the *Common Measurement Value Information* IE shall indicate Measurement not aAvailable shall be reported.

8.2.9.3 Abnormal Conditions

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