Source:	SA5 (Telecom Management)
Title:	4 Rel-99 CR 32.104 (3G Performance Management), Rel-4/5/6 CR 32.401 (PM Concept and requirements)
Document for:	Decision
Agenda Item:	7.5.3

Doc-1st-	Spec	CR	R	Phas	Subject	Cat	Ver	Doc-2nd-	Workitem
SP-040265	32.104	013	-	R99	Correction in requirement for granularity periods	F	3.7.0	S5-048353	OAM-PM
SP-040265	32.401	013	-	Rel-4	Correction in requirement for granularity periods	A	4.3.0	S5-048350	OAM-PM
SP-040265	32.401	014	-	Rel-5	Correction in requirement for granularity periods	A	5.2.0	S5-048351	OAM-PM
SP-040265	32.401	015	-	Rel-6	Correction in requirement for granularity periods	A	6.1.0	S5-048352	OAM-PM

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CHANGE REQUEST

| ⌘ | **32.104** CR **013** | ⌘**rev** | **-** | ⌘ | Current version: | **3.7.0** | ⌘ |

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

Proposed change affects: UICC apps⌘ ☐ ME ☐ Radio Access Network **X** Core Network **X**

Title:	⌘	Correction in requirement for granularity periods
Source:	⌘	**SA5** (mohanr@lucent.com)
Work item code:	⌘	OAM-PM	*Date:* ⌘ 14/05/2004

Category:	⌘	**F**	*Release:* ⌘ R99

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 TR 21.900.

Use <u>one</u> 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)
Rel-6 (Release 6)

Reason for change:	⌘	The statement in Sec 5.2.1.3 gives the impression that for a given measurement type, the granularity period has to **necessarily** have all the mentioned values. This is however **not** the intention of that statement. The intent of the statement is to specify a valid range of values for granularity period and a measurement can have **any** of those specified values.
Summary of change:	⌘	In Sec 5.2.1.3, replace the word "Required" with "Valid".
Consequences if not approved:	⌘	If not approved, there is a danger that a customer may potentially demand that all the granularity periods be supported for a given measurement type. The word "required" in that statement leads one to make this incorrect interpretation. An incorrect interpretation of this type could lead to a potential non-compliance of the PM specification for a vendor.

Clauses affected:	⌘	5.2.1.3

	Y	N		
Other specs affected: ⌘		X	Other core specifications ⌘	
		X	Test specifications	
	X		O&M Specifications	Rel-4/5/6 32.401

Other comments:	⌘	Rel-4/5/6 Mirror CRs 32.401 in: S5-048350, S5-048351, S5-048352

Change in Clause 5.2.1.3

5.2.1.3 Granularity period

The granularity period is the time between the initiation of two successive gatherings of measurement data. ~~Required~~ <u>Valid</u> values for the granularity period are 5 minutes, 15 minutes, 30 minutes, 1 hour. The minimum granularity period is 5 minutes in most cases, but for some measurements it may only make sense to collect data in a larger granularity period. The granularity period shall be synchronised on the full hour, but its value is not required to be changeable during the lifetime of the job.

End of Change in Clause 5.2.1.3 **End of Document**

Annex E (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
Dec 1999	S_06	SP-99579	--	--	Approved at TSG SA #6 and placed under Change Control	--	3.0.0
Mar 2000	S_07	SP-000016	001	--	Reduction of measurement job advance period	3.0.0	3.1.0
Mar 2000	S_07	SP-000016	002	--	PM file format - ASN.1 description	3.0.0	3.1.0
Mar 2000	--	--	--	--	Cosmetic	3.1.0	3.1.1
Jun 2000	S_08	SP-000231	003	--	Measurement definition template	3.1.1	3.2.0
Jun 2000	S_08	SP-000232	004	--	Inclusion of XML file format definition	3.1.1	3.2.0
Jun 2000	S_08	SP-000233	005	--	Example of XML file format for PM result files	3.1.1	3.2.0
Jun 2000	S_08	SP-000234	006	--	Addition of missing abbreviations	3.1.1	3.2.0
Sep 2000	S_09	SP-000434	007	--	Clarification of the table oriented structure of the file format, and addition of ASN.1 example, according to annex D	3.2.0	3.3.0
Dec 2000	S_10	S5-000479	008	--	Clarification of measurement definition template	3.3.0	3.4.0
Dec 2001	S_14	SP-010638	010	--	Correction of declaration in XML header	3.4.0	3.5.0
Jun 2003	S_20	SP-030291	011	--	Remove ambiguity in NE file generation behaviour in case of multiple granularity periods	3.5.0	3.6.0
Mar 2004	S_23	SP-040133	012	--	Correction of XML Measurement Report File format example	3.6.0	3.7.0

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CHANGE REQUEST

| ⌘ | **32.401** CR **013** | ⌘**rev** | **-** | ⌘ | Current version: | **4.3.0** | ⌘ |

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

Proposed change affects: UICC apps⌘ ☐   ME ☐   Radio Access Network **X**   Core Network **X**

Title: ⌘	Correction in requirement for granularity periods	
Source: ⌘	**SA5** (mohanr@lucent.com)	
Work item code: ⌘	OAM-PM	***Date:*** ⌘ 14/05/2004

Category: ⌘ **A**	***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)*
    Rel-6   *(Release 6)*

Reason for change: ⌘	The statement in Sec 5.4.1.4 gives the impression that for a given measurement type, the granularity period has to **necessarily** have all the mentioned values. This is however **not** the intention of that statement. The intent of the statement is to specify a valid range of values for granularity period and a measurement can have **any** of those specified values.
Summary of change: ⌘	In Sec 5.4.1.4, replace the word "Required" with "Valid".
Consequences if not approved: ⌘	If not approved, there is a danger that a customer may potentially demand that all the granularity periods be supported for a given measurement type. The word "required" in that statement leads one to make this incorrect interpretation. An incorrect interpretation of this type could lead to a potential non-compliance of the PM specification for a vendor.

Clauses affected: ⌘	5.4.1.4

	Y	N		
Other specs ⌘		X	Other core specifications ⌘	
affected:		X	Test specifications	
	X		O&M Specifications	Rel-5/6 32.401

Other comments: ⌘	Rel-4 mirror CR to S5-048353.

5.4.1.4 Granularity period

The granularity period is the time between the initiation of two successive gatherings of measurement data. ~~Required~~ Valid values for the granularity period are 5 minutes, 15 minutes, 30 minutes, 1 hour. The minimum granularity period is 5 minutes in most cases, but for some measurements it may only make sense to collect data in a larger granularity period. The granularity period shall be synchronised on the full hour, but its value is not required to be changeable during the lifetime of the job.

End of Change in Clause 5.4.1.4
End of Document

Annex D (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
June 2001	S_12	SP-010237	--	--	Submitted to TSG SA #12 for Information.	--	1.0.0
June 2001	--	--	--	--	MCC editorials	1.0.0	1.0.1
Sep 2001	S_13	SP-010467	--	--	Submitted to TSG SA #13 for Approval	2.0.0	4.0.0
Dec 2001	S_14	SP-010638	001	--	Correction of declaration in XML header	4.0.0	4.1.0
Sep 2002	S_17	SP-020501	002	--	Alignment with CM TSs of measurement file parameter descriptions and examples	4.1.0	4.2.0
Jun 2003	S_20	SP-030291	005	--	Clarification of NE file generation behaviour in case of multiple granularity periods	4.2.0	4.3.0
Jun 2003	S_20	SP-030291	007	--	Correction of Measurement Result File Name Definition for alignment with Windows based systems	4.2.0	4.3.0

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CHANGE REQUEST

| ⌘ | **32.401** CR **014** | ⌘ **rev** | **-** | ⌘ | 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: UICC apps⌘ ☐   ME ☐   Radio Access Network **X**   Core Network **X**

Title: ⌘	Correction in requirement for granularity periods	
Source: ⌘	**SA5** (mohanr@lucent.com)	
Work item code: ⌘	OAM-PM	***Date:*** ⌘ 14/05/2004
Category: ⌘ **A**		***Release:*** ⌘ Rel-5

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 TR 21.900.

Use <u>one</u> 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)*
   Rel-6 *(Release 6)*

Reason for change: ⌘	The statement in Sec 5.4.1.4 gives the impression that for a given measurement type, the granularity period has to **necessarily** have all the mentioned values. This is however **not** the intention of that statement. The intent of the statement is to specify a valid range of values for granularity period and a measurement can have **any** of those specified values.
Summary of change: ⌘	In Sec 5.4.1.4, replace the word "Required" with "Valid".
Consequences if not approved: ⌘	If not approved, there is a danger that a customer may potentially demand that all the granularity periods be supported for a given measurement type. The word "required" in that statement leads one to make this incorrect interpretation. An incorrect interpretation of this type could lead to a potential non-compliance of the PM specification for a vendor.

Clauses affected: ⌘	5.4.1.4

	Y	N		
Other specs ⌘		X	Other core specifications ⌘	
affected:		X	Test specifications	
	X		O&M Specifications	Rel-6 32.401

Other comments: ⌘	Rel-5 mirror CR to S5-048353.

```
┌─────────────────────────────────────────────────────────────────────┐
│                   Change in Clause 5.4.1.4                            │
└─────────────────────────────────────────────────────────────────────┘
```

5.4.1.4   Granularity period

The granularity period is the time between the initiation of two successive gatherings of measurement data. ~~Required~~ Valid values for the granularity period are 5 minutes, 15 minutes, 30 minutes, 1 hour. The minimum granularity period is 5 minutes in most cases, but for some measurements it may only make sense to collect data in a larger granularity period. The granularity period shall be synchronised on the full hour, but its value is not required to be changeable during the lifetime of the job.

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┌─────────────────────────────────────────────────────────────────────┐
│                 End of Change in Clause 5.4.1.4                       │
│                       End of Document                                 │
└─────────────────────────────────────────────────────────────────────┘
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Annex D (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
June 2001	S_12	SP-010237	--	--	Submitted to TSG SA #12 for Information.	--	1.0.0
June 2001	--	--	--	--	MCC editorials	1.0.0	1.0.1
Sep 2001	S_13	SP-010467	--	--	Submitted to TSG SA #13 for Approval	2.0.0	4.0.0
Dec 2001	S_14	SP-010638	001	--	Correction of declaration in XML header	4.0.0	4.1.0
Mar 2002	S_15	--	--	--	Automatic upgrade to Rel-5 (no Rel-5 CR)	4.1.0	5.0.0
Sep 2002	S_17	SP-020502	003	--	Description of Alarm IRP usage for performance alarms	5.0.0	5.1.0
Sep 2002	S_17	SP-020502	004	--	Addition of measurement file XML schema and miscellaneous alignments with CM	5.0.0	5.1.0
Jun 2003	S_20	SP-030291	006	--	Clarification of NE file generation behaviour in case of multiple granularity periods	5.1.0	5.2.0
Jun 2003	S_20	SP-030291	008		Correction of Measurement Result File Name Definition for alignment with Windows based systems	5.1.0	5.2.0

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CHANGE REQUEST

| ⌘ | **32.401** CR **015** | ⌘ **rev** | **-** | ⌘ | Current version: | **6.1.0** | ⌘ |

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

Proposed change affects: UICC apps⌘ ☐   ME ☐   Radio Access Network **X**   Core Network **X**

Title: ⌘	Correction in requirement for granularity periods	
Source: ⌘	**SA5** (mohanr@lucent.com)	
Work item code: ⌘	OAM-PM	*Date:* ⌘ 14/05/2004
Category: ⌘	**A**	*Release:* ⌘ Rel-6

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 TR 21.900.

Use <u>one</u> 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)
   Rel-6 (Release 6)

Reason for change: ⌘	The statement in Sec 5.4.1.4 gives the impression that for a given measurement type, the granularity period has to ***necessarily*** have all the mentioned values. This is however **not** the intention of that statement. The intent of the statement is to specify a valid range of values for granularity period and a measurement can have **any** of those specified values.
Summary of change: ⌘	In Sec 5.4.1.4, replace the word "Required" with "Valid".
Consequences if not approved: ⌘	If not approved, there is a danger that a customer may potentially demand that all the granularity periods be supported for a given measurement type. The word "required" in that statement leads one to make this incorrect interpretation. An incorrect interpretation of this type could lead to a potential non-compliance of the PM specification for a vendor.

Clauses affected: ⌘	5.4.1.4

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘	Rel-6 mirror CR to S5-048353

Change in Clause 5.4.1.4

5.4.1.4   Granularity period

The granularity period is the time between the initiation of two successive gatherings of measurement data. ~~Required~~ Valid values for the granularity period are 5 minutes, 15 minutes, 30 minutes, 1 hour. The minimum granularity period is 5 minutes in most cases, but for some measurements it may only make sense to collect data in a larger granularity period. The granularity period shall be synchronised on the full hour, but its value is not required to be changeable during the lifetime of the job.

End of Change in Clause 5.4.1.4
End of Document

Annex D (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
June 2001	S_12	SP-010237	--	--	Submitted to TSG SA #12 for Information.	--	1.0.0
June 2001	--	--	--	--	MCC editorials	1.0.0	1.0.1
Sep 2001	S_13	SP-010467	--	--	Submitted to TSG SA #13 for Approval	2.0.0	4.0.0
Dec 2001	S_14	SP-010638	001	--	Correction of declaration in XML header	4.0.0	4.1.0
Mar 2002	S_15	--	--	--	Automatic upgrade to Rel-5 (no Rel-5 CR)	4.1.0	5.0.0
Sep 2002	S_17	SP-020502	003	--	Description of Alarm IRP usage for performance alarms	5.0.0	5.1.0
Sep 2002	S_17	SP-020502	004	--	Addition of measurement file XML schema and miscellaneous alignments with CM	5.0.0	5.1.0
Jun 2003	S_20	SP-030291	006	--	Clarification of NE file generation behaviour in case of multiple granularity periods	5.1.0	5.2.0
Jun 2003	S_20	SP-030291	008	--	Correction of Measurement Result File Name Definition for alignment with Windows based systems	5.1.0	5.2.0
Sep 2003	S_21	SP-030430	009	--	Addition of "jobId" and "reportingPeriod" parameters in the file format definition	5.2.0	6.0.0
Sep 2003	S_21	SP-030430	010	--	Removal of measurement job state and status attributes	5.2.0	6.0.0
Sep 2003	S_21	SP-030430	011	--	Refinement of the conditions for setting "suspect flag"	5.2.0	6.0.0
Dec 2003	S_22	SP-030755	012	1	Add requirements for Measurement Job overload management	6.0.0	6.1.0