Source:	**SA5 (Telecom Management)**
Title:	**Rel-6 CR 32.111-1 (Fault Management Requirements) : Add retrieval of alarm history information requirement**
Document for:	**Decision**
Agenda Item:	**7.5.3**

Doc-1st-	Spec	CR	Phase	Subject	Cat	Version-	Doc-2nd-	Status-	WI
SP-030631	32.111-1	005	Rel-6	Add retrieval of alarm history information requirement	B	5.1.1	S5-037249	Agreed	OAM-NIM

CR-Form-v7

CHANGE REQUEST

| ⌘ | **32.111-1** CR **005** | ⌘**rev** | **-** | ⌘ | Current version: | **5.1.1** | ⌘ |

*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: ⌘	Add retrieval of alarm history information requirement	
Source: ⌘	SA5 (liyewen@chinamobile.com;llrui@bupt.edu.cn)	
Work item code: ⌘	OAM-NIM	**Date:** ⌘ 21/11/2003

Category: ⌘ **B** **Release:** ⌘ Rel-6

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 retrieval of alarm history information requirement is missing in TS 32.111-1.
Summary of change: ⌘	Add retrieval of alarm history information requirement in TS 32.111-1. The alarm history information is required to be returned by files.
Consequences if not approved: ⌘	Retrieval of alarm history information requirement will be missing in TS 32.111-1.

Clauses affected: ⌘	5.3.2

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

Other comments: ⌘	

Change in Clause 5.3.2

5.3.2 Logging and retrieval of alarm history information on NM request

The alarm history information may be stored in the subordinate entities. ~~The alarm history information may be stored in the subordinate entities in dependence of the NM requirements.~~ The NM is able to create logs for alarm reports and to define the criteria for storage of alarm information according to ITU-T Recommendation X.735 [11].

Nevertheless these particular requirements are not specific for alarm or state change information.

The alarm history information should be returned by files when IRPAgent finished collecting all the alarm history information that NM requested.

End of change in Clause 5.3.2
End of Document

Annex A (informative):
Change history

<table>
<tr><th colspan="8">Change history</th></tr>
<tr><th>Date</th><th>TSG #</th><th>TSG Doc.</th><th>CR</th><th>Rev</th><th>Subject/Comment</th><th>Old</th><th>New</th></tr>
<tr><td>Mar 2000</td><td>S_07</td><td>SP-000013</td><td>--</td><td>--</td><td>32.111 Approved at TSG SA#7 and placed under Change Control</td><td>2.0.0</td><td>3.0.0</td></tr>
<tr><td>Mar 2000</td><td>--</td><td>--</td><td>--</td><td>--</td><td>cosmetic</td><td>3.0.0</td><td>3.0.1</td></tr>
<tr><td>Jun 2000</td><td>S_08</td><td>SP-000247</td><td>001</td><td>--</td><td>Split of TS 32.111 - Part 1: Main part of spec – Requirements</td><td>3.0.1</td><td>3.1.0</td></tr>
<tr><td>Jun 2000</td><td>S_08</td><td>SP-000248</td><td>002</td><td>--</td><td>Split of TS 32.111- Part 1: Merged Clause X into Clause 4</td><td>3.0.1</td><td>3.1.0</td></tr>
<tr><td>Jun 2000</td><td>S_08</td><td>SP-000249</td><td>003</td><td>--</td><td>Split of TS 32.111 - Part 1: Alignment of FM requirements with IRP, etc</td><td>3.0.1</td><td>3.1.0</td></tr>
<tr><td>Sep 2000</td><td>S_09</td><td>SP-000437</td><td>001</td><td>--</td><td>Clarification On Mediation Function Algorithms</td><td>3.1.0</td><td>3.2.0</td></tr>
<tr><td>Sep 2000</td><td>S_09</td><td>SP-000437</td><td>002</td><td>--</td><td>Clarification On Clear Alarm Suppression</td><td>3.1.0</td><td>3.2.0</td></tr>
<tr><td>Jun 2001</td><td>S_12</td><td>SP-010282</td><td>003</td><td>--</td><td>Added two new features 'partial resynchronization' or 'Itf-N distribution of comments associated to faults'.</td><td>3.2.0</td><td>4.0.0</td></tr>
<tr><td>Mar 2002</td><td>S_15</td><td>--</td><td>--</td><td>--</td><td>Automatic upgrade to Rel-5 (no Rel-5 CR)</td><td>4.0.0</td><td>5.0.0</td></tr>
<tr><td>Sep 2002</td><td>S_17</td><td>SP-020477</td><td>004</td><td>--</td><td>Add requirements for new clearAlarms() operation in Alarm IRP</td><td>5.0.0</td><td>5.1.0</td></tr>
<tr><td>Dec 2002</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Updated references & cosmetics</td><td>5.1.0</td><td>5.1.1</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
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