Source:	**SA5 (Telecom Management)**
Title:	**Rel-6 CR 32.111-2 (Alarm IRP IS) Add more definition of MonitoredEntity IOC to clarify the scope of it and rule for alarm mapping**
Document for:	**Approval**
Agenda Item:	**7.5.3**

Doc-1st-Level	Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Ver-Cur	Wi
SP-040560	S5-046701	32.111-2	031	--	Rel-6	Add more definition of MonitoredEntity IOC to clarify the scope of it and rule for alarm mapping	B	6.1.0	OAM-NIM

CR-Form-v7

CHANGE REQUEST

| ⌘ | **32.111-2** CR **031** | ⌘**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:	⌘	Add more definition of MonitoredEntity IOC to clarify the scope of it and rule for alarm mapping
Source:	⌘	**SA5** (llrui@bupt.edu.cn, liyewen@chinamobile.com)
Work item code: ⌘		OAM-NIM **Date:** ⌘ 02/07/2004

Category:	⌘	**B**		**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 scope of MonitoredEntity IOC which could generate alarms is not clear. The rule for alarm mapping needs to be clarified.
Summary of change: ⌘		Add more definition of MonitoredEntity IOC to clarify the scope of it and rule for alarm mapping.
Consequences if not approved:	⌘	The rule for alarm mapping is not clear, which could not help operator get more information about alarms and locate the accurate source which generate alarms.

Clauses affected:	⌘	5.3.6

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

Other comments:	⌘	

5.3.6　MonitoredEntity

5.3.6.1　Definition

It encapsulates a subset of information of an IOC that can emit alarms. The types of IOCs that can emit alarms are:

a) All NRM IRP IOCs whose notification tables include alarm notifications.

b) VSE subclass of 3GPP defined IOCs and VSE defined IOCs in case alarm is caused by these IOCs.

　　NOTE:　The use of VsDataContainer for emitting alarm is for further study.

The objectClass and objectInstance of the notification carrying alarms shall identify the suitable and precise object to help IRPManager get as detailed as possible alarm source information and locate alarms accurately.

It can also encapsulate a subset of information of an IOC that serves as the back up object.

5.3.6.2　Attribute

There is no attribute for this IOC.

End of Change in Clause 5.3.6
End of Document

Annex D (informative):
Change history

Change history							
Date	**TSG #**	**TSG Doc.**	**CR**	**Rev**	**Subject/Comment**	**Old**	**New**
Mar 2002	S_15	--	--	--	Automatic upgrade to Rel-5 (no Rel-5 CR)	4.3.0	5.0.0
Sep 2002	S_17	SP-020477	017	--	Add clearAlarms() operation for Alarm IRP:IS	5.0.0	5.1.0
Sep 2002	S_17	SP-020478	018	--	Add security alarms support in Alarm IRP: IS	5.0.0	5.1.0
Dec 2002	S_18	SP-020751	020	--	Add additionalInformation parameter in notification in Alarm IRP: IS	5.1.0	5.2.0
Mar 2003	S_19	SP-030062	022	--	Add Missing ITU-T M.3100 Probable Causes	5.2.0	5.3.0
Mar 2003	S_19	SP-030063	024	--	Corrections regarding Alarm Acknowledgement and Alarm Comments - alignment with 32.111-1	5.2.0	5.3.0
Mar 2003	S_19	SP-030138	025	--	Add Missing security event types and probable causes	5.2.0	5.3.0
Jun 2003	S_20	SP-030275	026	--	Correction of imported references table for managedGenericIRP	5.3.0	5.4.0
Dec 2003	S_22	SP-030629	027	--	Align operation getAlarmList with the notification notifyAlarmListRebuilt	5.4.0	6.0.0
Dec 2003	S_22	SP-030628	028	--	Remove references to GSM 12.11	5.4.0	6.0.0
Jan 2004	--	--	--	--	Editorial: Annex B "... probable causes for 3G and 3G ..." should read "... probable causes for 2G and 3G ..."	6.0.0	6.0.1
Mar 2004	S_23	SP-040120	029	--	Addition of a method to abort an ongoing alarm alignment process in the asynchronous mode of the operation getAlarmList	6.0.1	6.1.0