

---

**Source:** SA5  
**Title:** Rel-4 CR32.111-3 (Telecommunication Management;  
Fault Management; Part 3: Alarm Integration Reference Point:  
CORBA Solution Set  
**Document for:** Approval  
**Agenda Item:** 7.5.3

---

Doc-1st-Level	Doc-2nd-Level	Spec	CR	Rev	Phase	Subject	Cat	Version Current	Version -New	Workitem
SP-010469	S5-010443	32.111-3	010		Rel-4	Correction of BadAlarmInformationIdSeq parameter type	F	4.0.0	4.1.0	OAM-FM

CR-Form-v3

## CHANGE REQUEST

⌘ **32.111-3 CR 010** ⌘ rev **-** ⌘ Current version: **4.0.0** ⌘

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  Core Network

<b>Title:</b>	⌘ Correction of BadAlarmInformationIdSeq parameter type		
<b>Source:</b>	⌘ SA5		
<b>Work item code:</b>	⌘ OAM-FM	<b>Date:</b>	⌘ 20/07/2001
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ REL-4
	Use <u>one</u> of the following categories: <b>F</b> (essential correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (Addition of feature), <b>C</b> (Functional modification of feature) <b>D</b> (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)

<b>Reason for change:</b>	⌘ Contrary to what 32.111-2 defines, the current specification of BadAlarmInformationIdSeq parameter type of module AlarmIRPConstDefs only provides one pair of alarm_information_reference and failure reason.
<b>Summary of change:</b>	⌘ In accordance with 32.111-2, the BadAlarmInformationIdSeq parameter type is now defined as a list of pairs of alarm_information_reference and failure reason.  Incorrect mapping tables have also been updated for the concerned parameter.
<b>Consequences if not approved:</b>	⌘ Incomplete mapping from Information Service to CORBA Solution Set.

<b>Clauses affected:</b>	⌘ 5.2, Annex A		
<b>Other specs affected:</b>	⌘ <input type="checkbox"/> Other core specifications	⌘	
	<input type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
<b>Other comments:</b>	⌘		

## 5 Mapping

### 5.2 Operation parameter mapping

**Table 2: Mapping from IS acknowledgeAlarms parameters to SS equivalents**

IS Operation parameter	SS Method parameter	Qualifier
alarmInformationReferenceList	AlarmIRPConstDefs::AlarmInformationIdSeq alarm_information_id_list	M
ackUserId	string ack_user_id	M
ackSystemId	string ack_system_id	O
bad AlarmInformationReferenceList	AlarmIRPConstDefs::BadAlarmInformationIdSeq bad_alarm_information_id_list	M
status	CommonIRPConstDefs::Signal Exceptions: AcknowledgeAlarms, ParameterNotSupported, InvalidParameter	M

**Table 3: Mapping from IS unacknowledgeAlarms parameters to SS equivalents**

IS Operation parameter	SS Method parameter	Qualifier
alarmInformationReferenceList	AlarmIRPConstDefs::AlarmInformationIdSeq alarm_information_id_list	M
ackUserId	string ack_user_id	M
ackSystemId	string ack_system_id	O
badAlarmInformationReferenceList	AlarmIRPConstDefs::BadAlarmInformationIdSeq bad_alarm_information_id_list	M
status	CommonIRPConstDefs::Signal Exceptions: UnacknowledgeAlarms, OperationNotSupported, ParameterNotSupported, InvalidParameter	M

**Table 7: Mapping from IS setComment parameters to SS equivalents**

IS Operation parameter	SS Method parameter	Qualifier
AlarmInformationReferenceList	AlarmIRPConstDefs::AlarmInformationIdSeq alarm_information_id_list	M
commentUserId	string comment_user_id	M
commentSystemId	string comment_system_id	M
commentText	string comment_text	M
badAlarmInformationReferenceList	AlarmIRPConstDefs::BadAlarmInformationIdSeq bad_alarm_information_id_list	
status	Exceptions: CommentAlarms, OperationNotSupported.	

---

## Annex A (normative): IDL specification

```
[...]
module AlarmIRPConstDefs
{
  [...]
  struct BadAlarmInformationIdSeq
  {
    string alarm_information_reference;
    string reason;
  };

  typedef sequence<BadAlarmInformationId> BadAlarmInformationIdSeq;
  [...]
};
[...]
```